

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082166.D
 Acq On : 10 Oct 2015 9:56
 Operator : UM/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:45:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	106749	20.00	ng	-0.03
21) Naphthalene-d8	8.13	136	423759	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	213693	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	400633	20.00	ng	-0.03
75) Chrysene-d12	14.01	240	352640	20.00	ng	-0.05
86) Perylene-d12	15.44	264	301968	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	419731	71.38	ng	-0.03
7) Phenol-d6	6.48	99	548426	74.12	ng	-0.02
23) Nitrobenzene-d5	7.42	82	517482	81.40	ng	-0.03
41) 2,4,6-Tribromophenol	10.67	330	147992	68.38	ng	-0.05
44) 2-Fluorobiphenyl	9.21	172	1054461	82.01	ng	-0.03
78) Terphenyl-d14	12.96	244	1029104	98.54	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.42	88	99495	38.91	ng	87
3) Pyridine	3.14	79	267066	40.11	ng	89
4) n-Nitrosodimethylamine	3.11	42	106229	35.13	ng	98
6) Aniline	6.50	93	359666	36.18	ng	# 85
8) 2-Chlorophenol	6.63	128	250169	38.52	ng	97
9) Benzaldehyde	6.39	77	148592	30.66	ng	# 84
10) Phenol	6.49	94	319287	38.47	ng	# 56
11) bis(2-Chloroethyl)ether	6.58	93	255622	39.71	ng	95
12) 1,3-Dichlorobenzene	7.02	146	258864	33.75	ng	98
13) 1,4-Dichlorobenzene	7.02	146	263971	32.96	ng	98
14) 1,2-Dichlorobenzene	7.02	146	266902	37.40	ng	98
15) Benzyl Alcohol	6.99	79	195724	36.64	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	7.12	45	349075	38.36	ng	82
17) 2-Methylphenol	7.10	107	199875	37.96	ng	# 83
18) Hexachloroethane	7.35	117	100065	39.91	ng	# 86
19) n-Nitroso-di-n-propylamine	7.27	70	188512	41.92	ng	# 75
20) 3+4-Methylphenols	7.26	107	226438	34.05	ng	# 56
22) Acetophenone	7.26	105	321752	37.14	ng	# 75
24) Nitrobenzene	7.43	77	247688	35.88	ng	# 66
25) Isophorone	7.67	82	486934	38.65	ng	# 89
26) 2-Nitrophenol	7.75	139	147540	44.53	ng	# 73
27) 2,4-Dimethylphenol	7.78	122	215102	36.90	ng	# 79
28) bis(2-Chloroethoxy)methane	7.89	93	313146	41.85	ng	# 94
29) 2,4-Dichlorophenol	7.99	162	226516	40.08	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	246538	39.07	ng	97
31) Naphthalene	8.15	128	679629	36.19	ng	97
32) Benzoic acid	7.92	122	149317	43.62	ng	# 66
33) 4-Chloroaniline	8.21	127	313522	38.61	ng	# 91
34) Hexachlorobutadiene	8.26	225	153253	41.07	ng	99
35) Caprolactam	8.59	113	65374	41.78	ng	91
36) 4-Chloro-3-methylphenol	8.69	107	213584	38.65	ng	# 78
37) 2-Methylnaphthalene	8.85	142	516709	40.31	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	239221	36.46	ng	98
40) Hexachlorocyclopentadiene	8.99	237	108071	31.99	ng	97

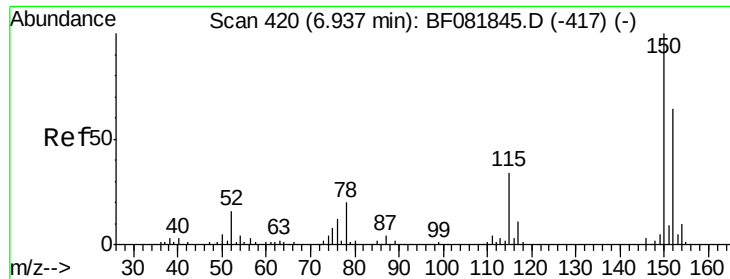
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082166.D
 Acq On : 10 Oct 2015 9:56
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:45:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	160525	35.69	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	184948	39.99	nq	97
45) 1,1'-Biphenyl	9.31	154	607145	36.83	nq	94
46) 2-Chloronaphthalene	9.34	162	499030	38.55	nq	97
47) 2-Nitroaniline	9.44	65	141553	37.25	nq	97
48) Acenaphthylene	9.75	152	767732	37.06	nq	96
49) Dimethylphthalate	9.61	163	533861	36.19	nq	# 97
50) 2,6-Dinitrotoluene	9.68	165	130022	40.60	nq	# 80
51) Acenaphthene	9.92	154	474696	38.58	nq	89
52) 3-Nitroaniline	9.85	138	144667	39.05	nq	# 80
53) 2,4-Dinitrophenol	9.95	184	64817	53.78	nq	# 67
54) Dibenzofuran	10.09	168	629501	36.20	nq	# 88
55) 4-Nitrophenol	10.01	139	87265	32.60	nq	# 59
56) 2,4-Dinitrotoluene	10.08	165	155481	38.09	nq	# 76
57) Fluorene	10.43	166	520588	41.71	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.21	232	141889	38.67	nq	95
59) Diethylphthalate	10.31	149	544769	39.54	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	233093	36.62	nq	# 83
61) 4-Nitroaniline	10.47	138	144832	38.99	nq	# 57
62) Azobenzene	10.58	77	502748	37.39	nq	88
64) 4,6-Dinitro-2-methylphenol	10.49	198	98151	52.75	nq	# 75
65) n-Nitrosodiphenylamine	10.55	169	458105	37.79	nq	91
66) 4-Bromophenyl-phenylether	10.91	248	148951	36.87	nq	93
67) Hexachlorobenzene	10.98	284	174035	38.17	nq	# 78
68) Atrazine	11.07	200	135098	35.92	nq	83
69) Pentachlorophenol	11.18	266	100716	38.77	nq	99
70) Phenanthrene	11.39	178	736138	37.92	nq	96
71) Anthracene	11.45	178	827270	40.63	nq	98
72) Carbazole	11.61	167	698495	37.90	nq	97
73) Di-n-butylphthalate	11.93	149	857989	45.73	nq	# 98
74) Fluoranthene	12.58	202	792166	36.91	nq	90
76) Benzidine	12.71	184	410867	38.67	nq	98
77) Pyrene	12.81	202	786887	37.35	nq	96
79) Butylbenzylphthalate	13.43	149	368890	46.53	nq	# 87
80) Benzo(a)anthracene	14.00	228	720327	37.93	nq	96
81) 3,3'-Dichlorobenzidine	13.97	252	272354	42.47	nq	# 94
82) Chrysene	14.05	228	702892	40.26	nq	95
83) Bis(2-ethylhexyl)phthalate	13.99	149	542836	54.59	nq	# 94
84) Di-n-octyl phthalate	14.60	149	903286	55.82	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.86	276	605370	40.75	nq	# 88
87) Benzo(b)fluoranthene	15.03	252	717096	41.59	nq	# 88
88) Benzo(k)fluoranthene	15.03	252	717096	45.38	nq	# 89
89) Benzo(a)pyrene	15.38	252	586126	39.19	nq	# 87
90) Dibenzo(a,h)anthracene	16.88	278	499865	39.84	nq	# 78
91) Benzo(g,h,i)perylene	17.29	276	480934	37.40	nq	# 73

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampled :

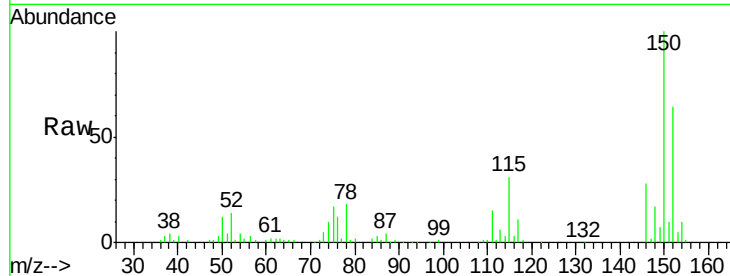
Tot Ion:152 Resp: 106749

Ion Ratio Lower Upper

152 100

150 155.7 124.7 187.1

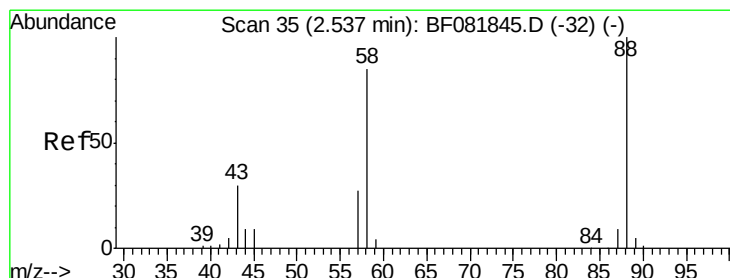
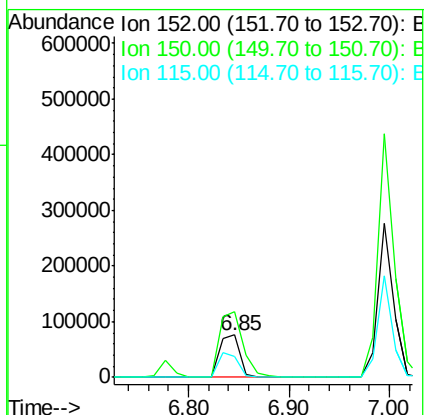
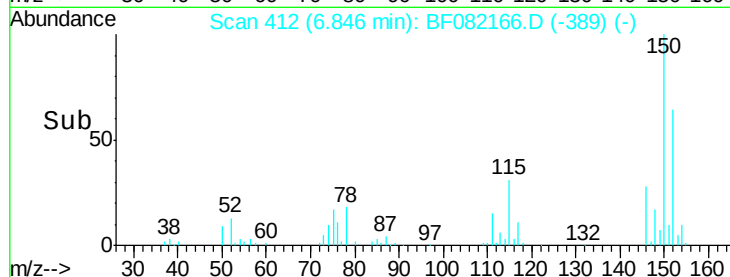
115 48.3 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.91 ng

RT: 2.42 min Scan# 25

Delta R.T. -0.02 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

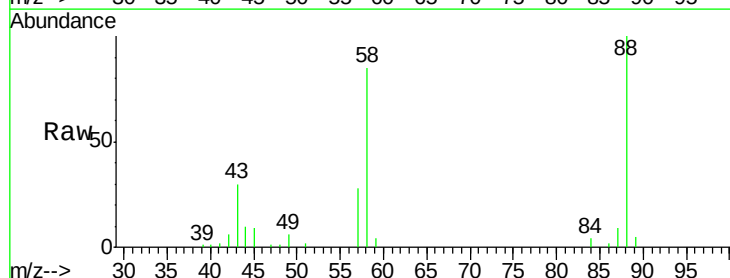
Tgt Ion: 88 Resp: 99495

Ion Ratio Lower Upper

88 100

58 82.0 77.7 116.5

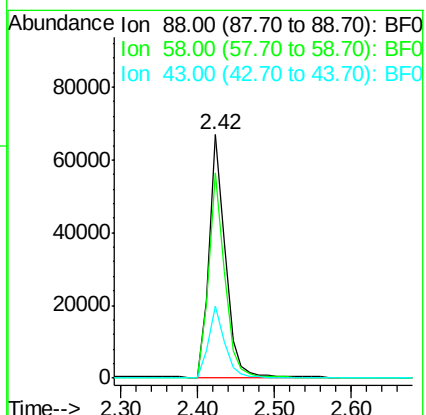
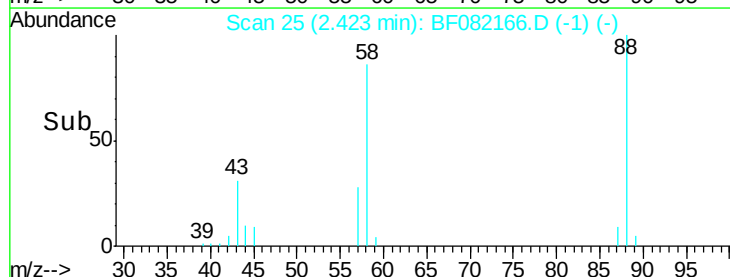
43 29.1 26.6 40.0

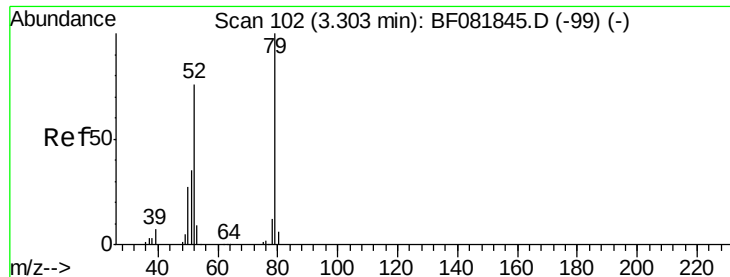


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

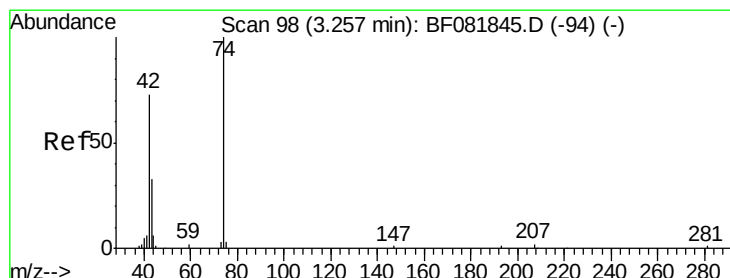
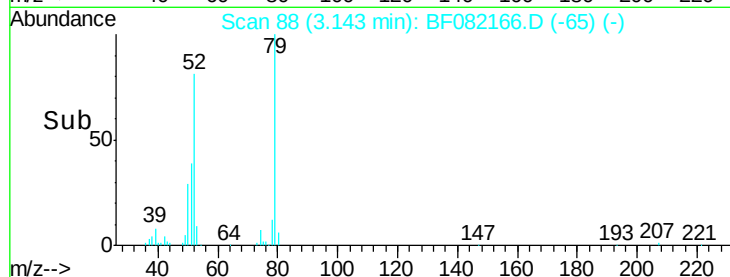
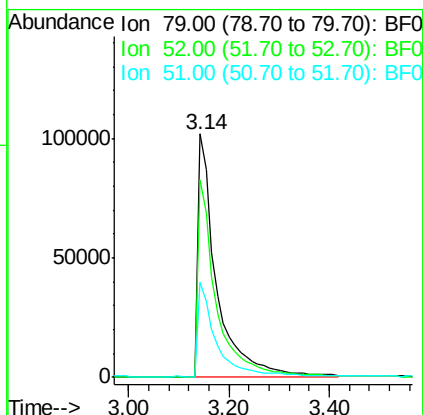
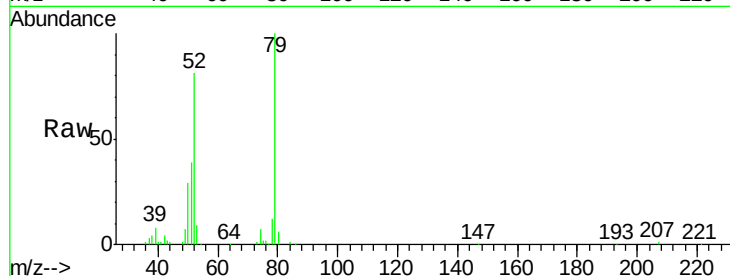




#3
 Pvridine
 Concen: 40.11 ng
 RT: 3.14 min Scan# 88
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

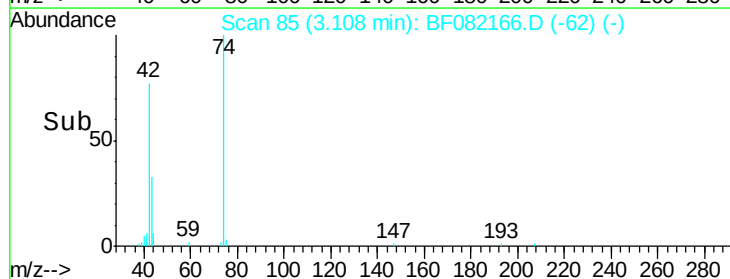
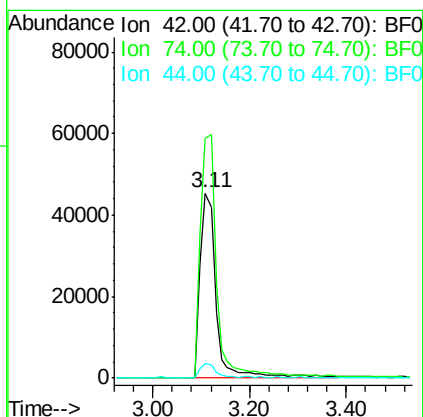
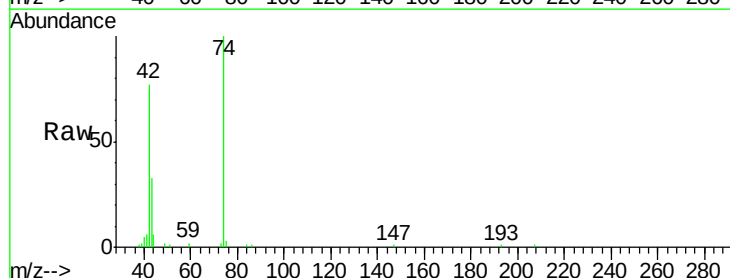
Instrument :
 BNA_F
 ClientSampleId :

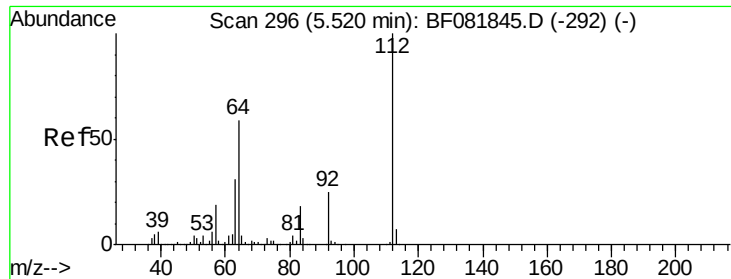
Tot Ion: 79 Resp: 267066
 Ion Ratio Lower Upper
 79 100
 52 81.0 76.8 115.2
 51 39.2 32.2 48.4



#4
 n-Nitrosodimethylamine
 Concen: 35.13 ng
 RT: 3.11 min Scan# 85
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

Tgt Ion: 42 Resp: 106229
 Ion Ratio Lower Upper
 42 100
 74 129.4 105.0 157.6
 44 7.7 6.6 10.0





#5

2-Fluorophenol

Concen: 71.38 ng

RT: 5.43 min Scan# 288

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampleId :

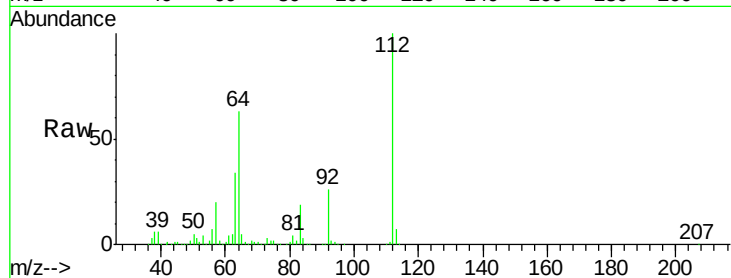
Tot Ion:112 Resp: 419731

Ion Ratio Lower Upper

112 100

64 63.4 39.7 59.5#

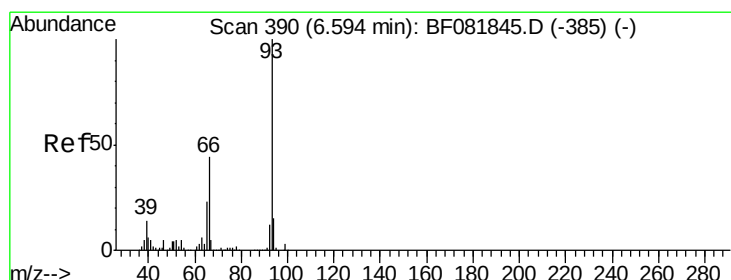
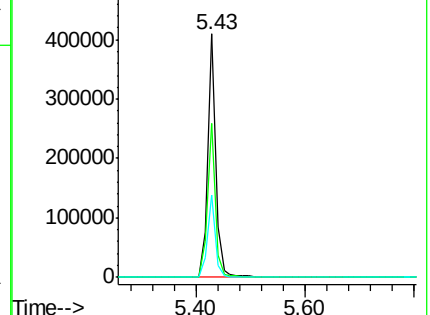
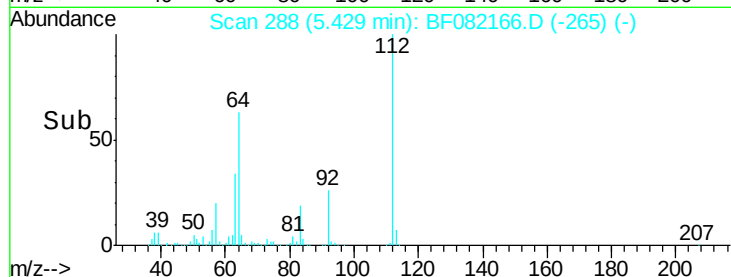
63 33.6 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.18 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

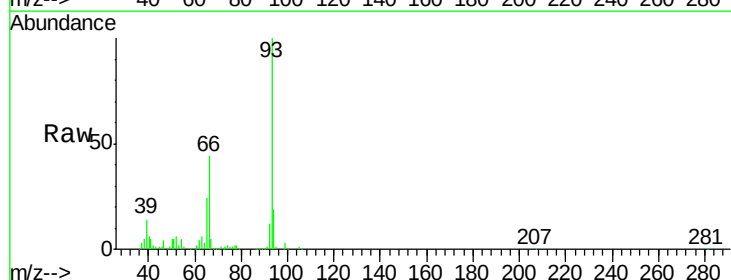
Tgt Ion: 93 Resp: 359666

Ion Ratio Lower Upper

93 100

66 43.9 27.2 40.8#

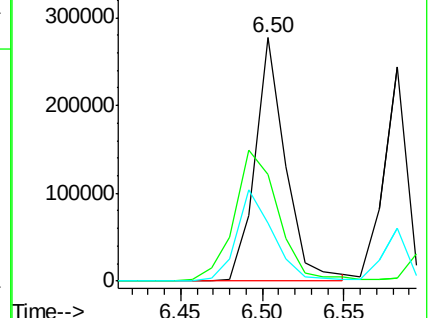
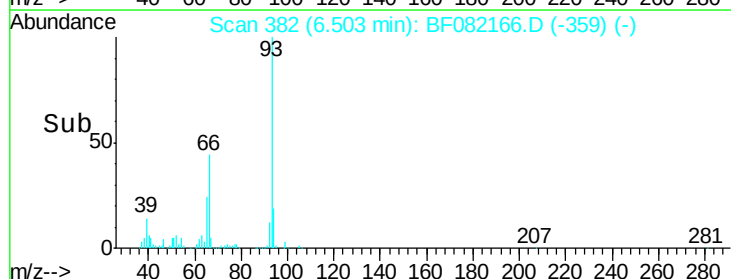
65 23.6 14.7 22.1#

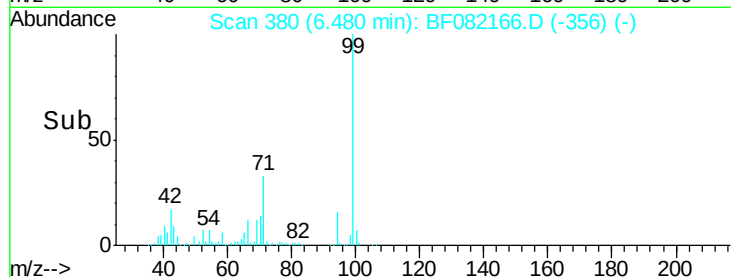
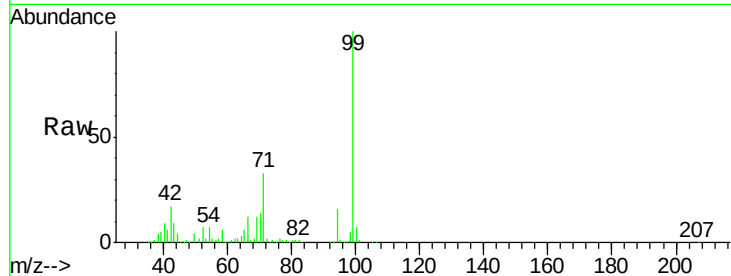
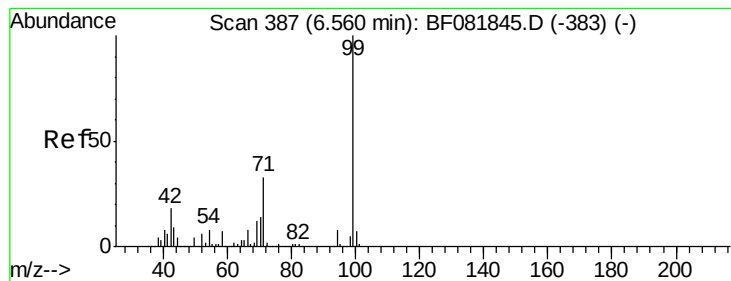


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.12 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampled :

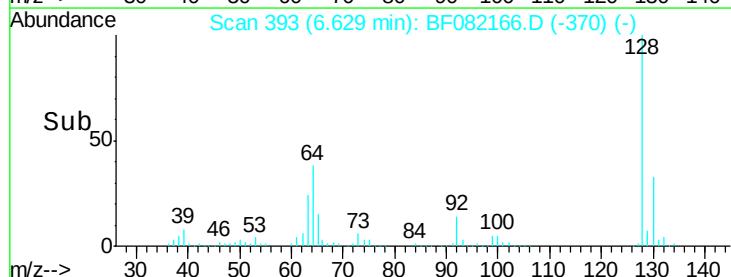
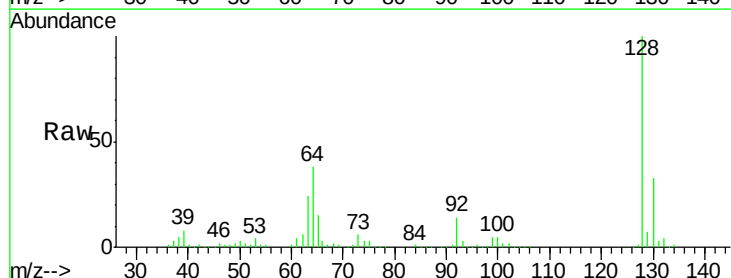
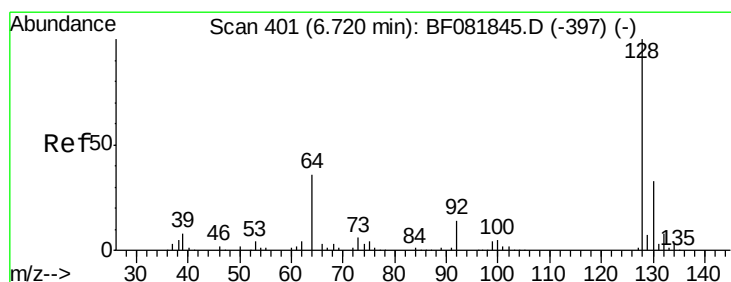
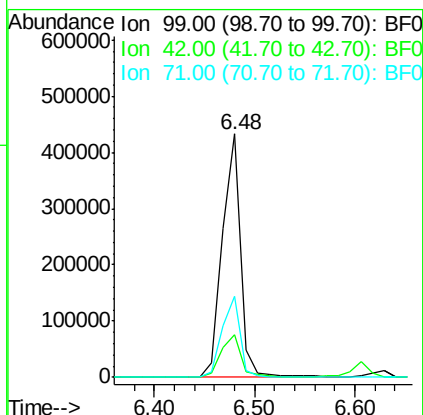
Tot Ion: 99 Resp: 548426

Ion Ratio Lower Upper

99 100

42 17.5 13.7 20.5

71 33.2 14.2 21.2#



#8

2-Chlorophenol

Concen: 38.52 ng

RT: 6.63 min Scan# 393

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

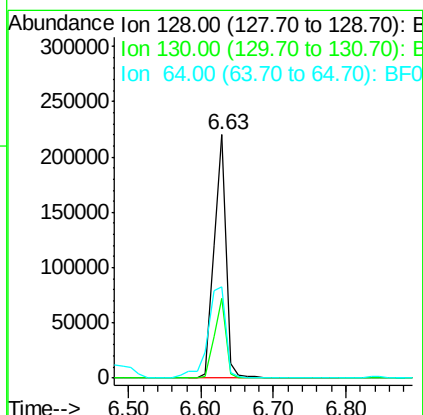
Tgt Ion: 128 Resp: 250169

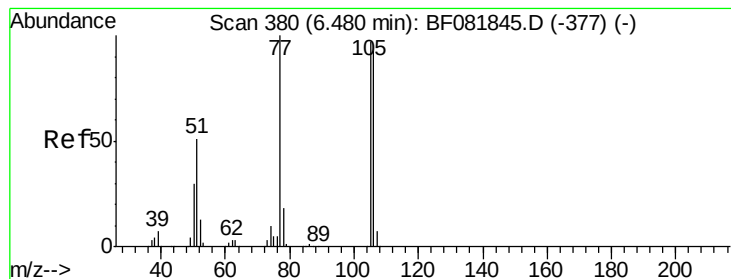
Ion Ratio Lower Upper

128 100

130 32.8 12.2 52.2

64 37.6 20.5 60.5





#9

Benzaldehyde

Concen: 30.66 ng

RT: 6.39 min Scan# 372

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampled :

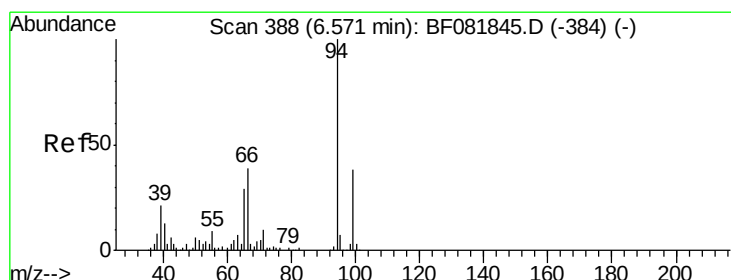
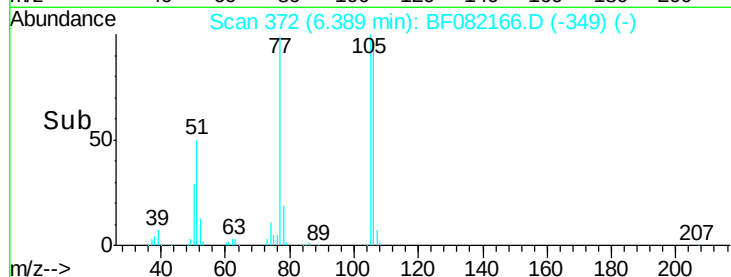
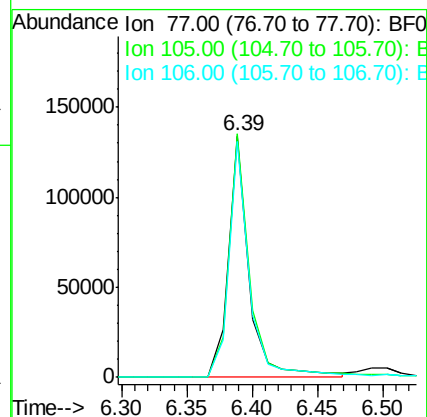
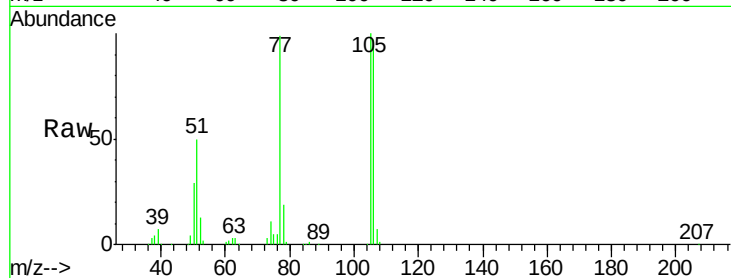
Tot Ion: 77 Resp: 148592

Ion Ratio Lower Upper

77 100

105 100.9 91.6 131.6

106 98.0 102.6 142.6#



#10

Phenol

Concen: 38.47 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

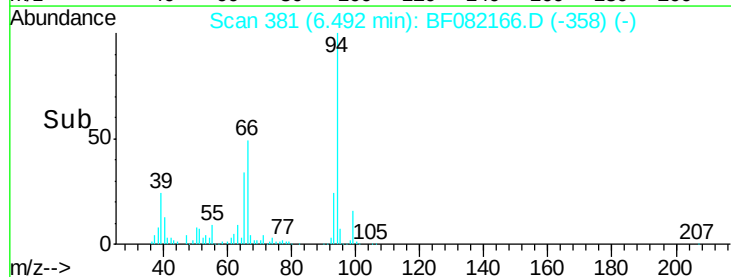
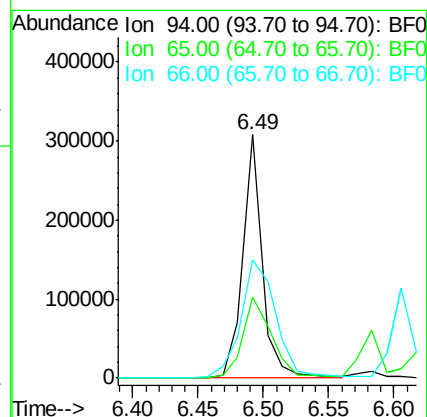
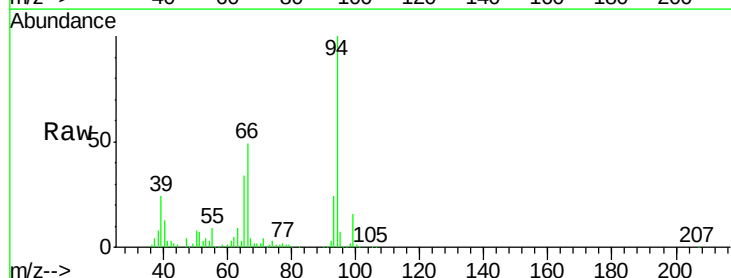
Tgt Ion: 94 Resp: 319287

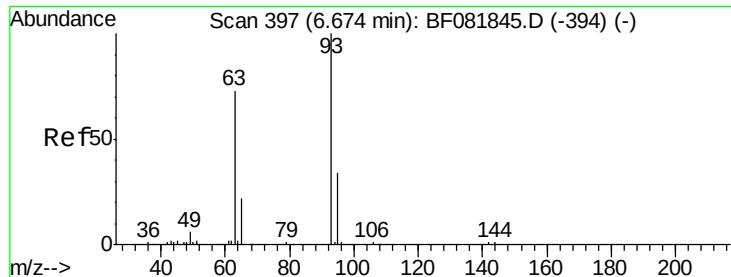
Ion Ratio Lower Upper

94 100

65 33.5 0.7 40.7

66 48.6 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 39.71 ng

RT: 6.58 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampleId :

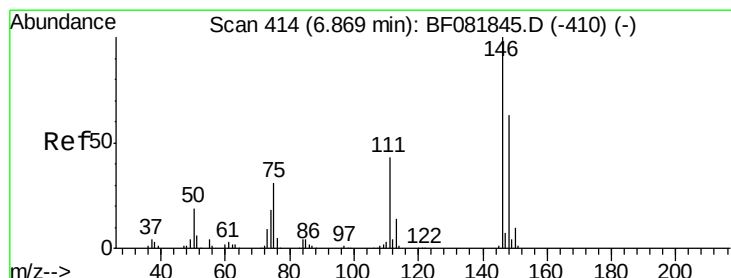
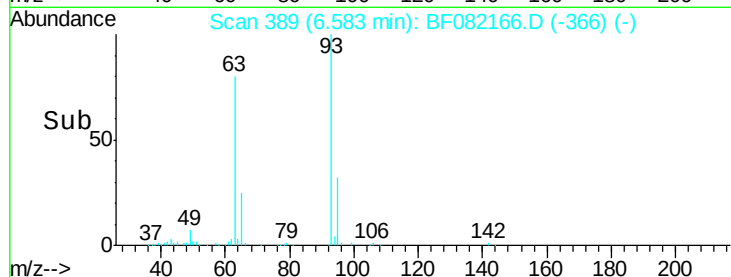
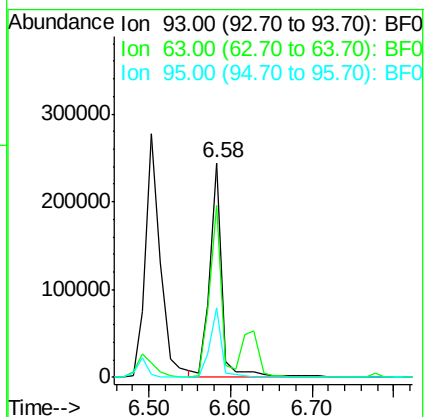
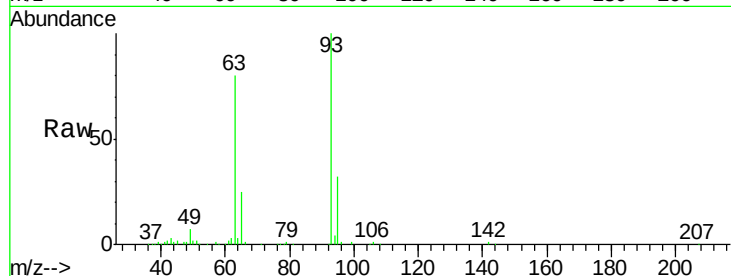
Tot Ion: 93 Resp: 255622

Ion Ratio Lower Upper

93 100

63 80.1 65.6 105.6

95 32.4 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 33.75 ng

RT: 7.02 min Scan# 427

Delta R.T. 0.21 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

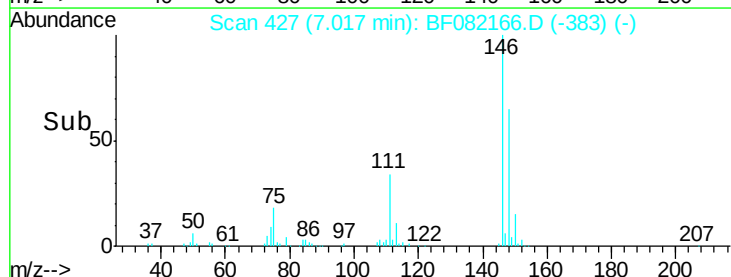
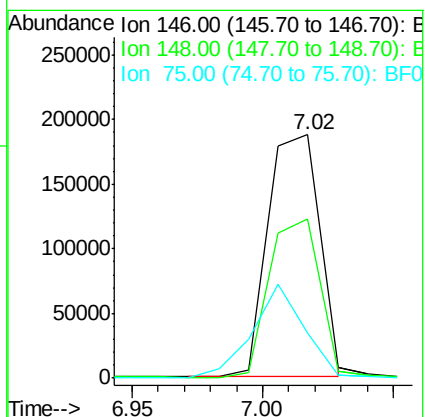
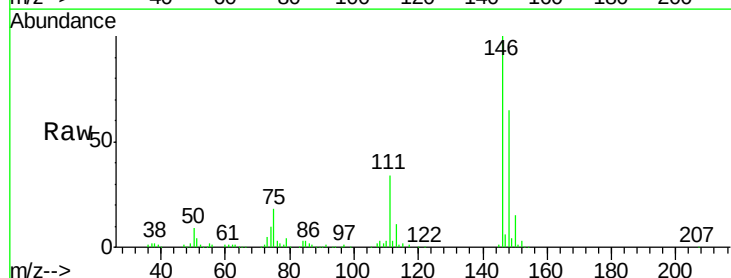
Tgt Ion: 146 Resp: 258864

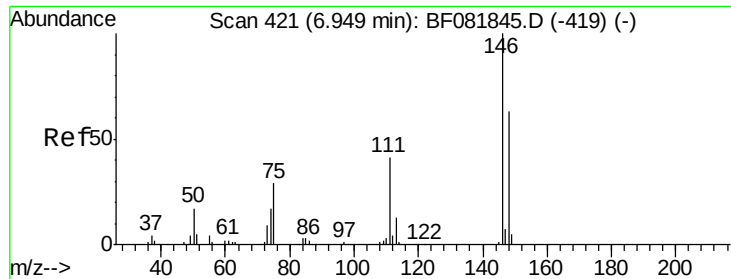
Ion Ratio Lower Upper

146 100

148 65.4 51.0 76.4

75 18.5 15.0 22.6

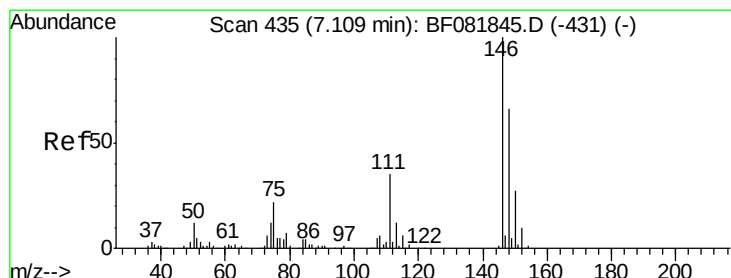
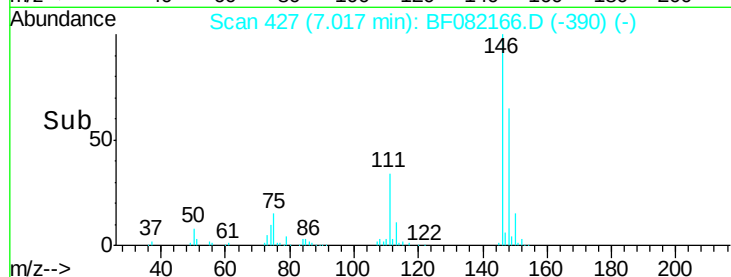
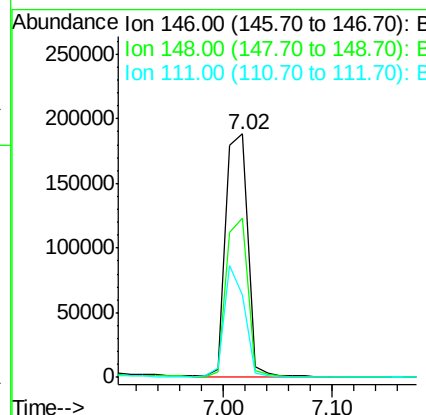
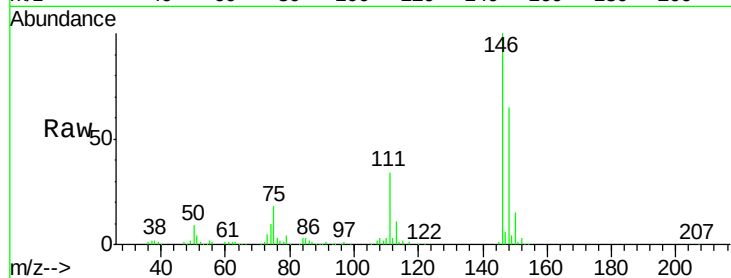




#13
 1,4-Dichlorobenzene
 Concen: 32.96 ng
 RT: 7.02 min Scan# 427
 Delta R.T. 0.13 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

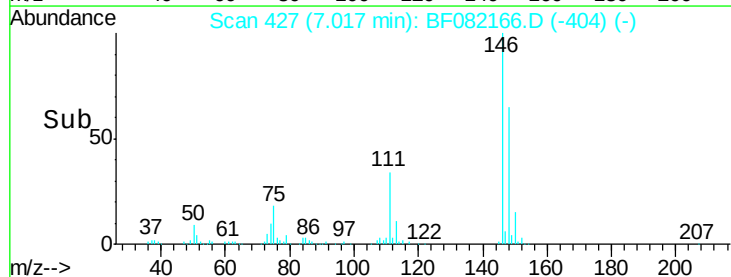
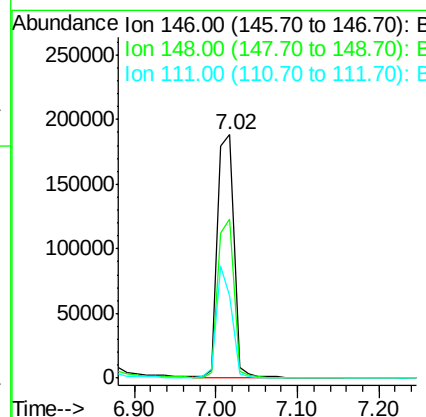
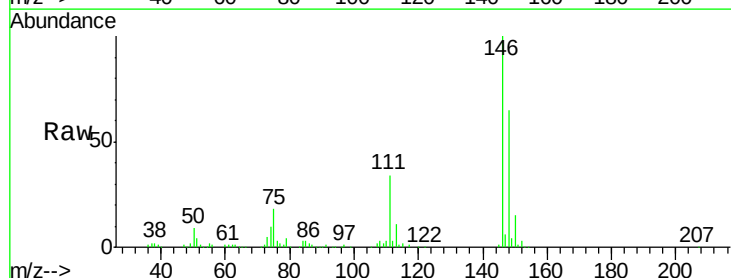
Instrument :
 BNA_F
 ClientSampleId :

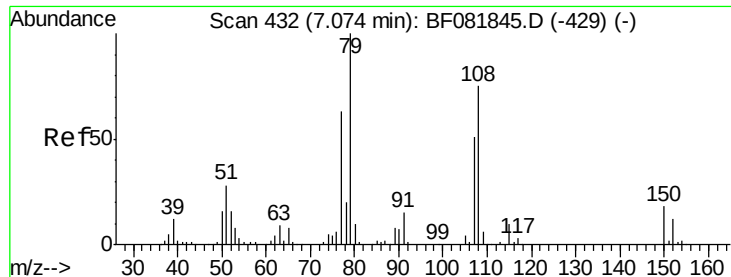
Tot Ion:146 Resp: 263971
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.8 77.6
 111 33.6 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 37.40 ng
 RT: 7.02 min Scan# 427
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

Tgt Ion:146 Resp: 266902
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.7 79.1
 111 33.6 28.8 43.2





#15

Benzyl Alcohol

Concen: 36.64 ng

RT: 6.99 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampled :

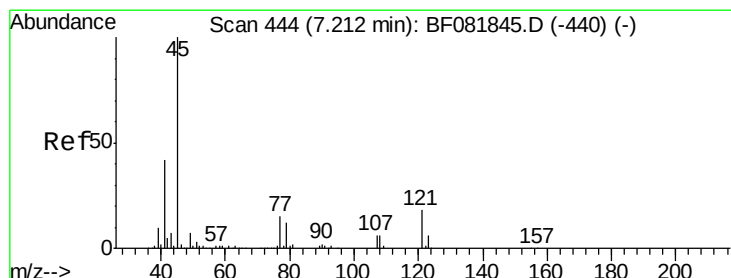
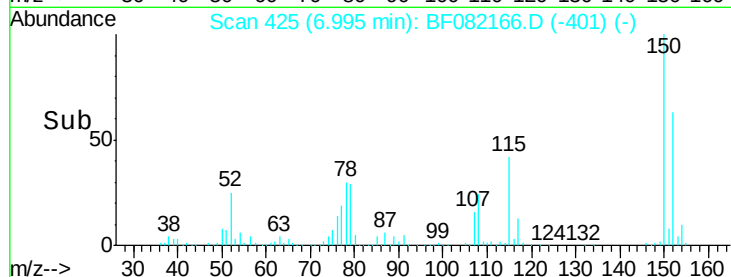
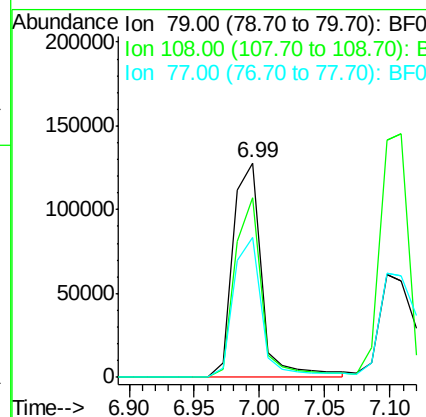
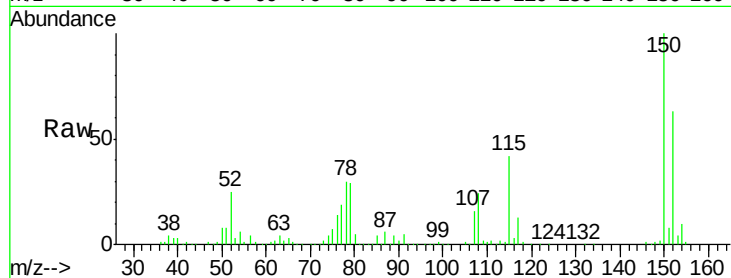
Tot Ion: 79 Resp: 195724

Ion Ratio Lower Upper

79 100

108 83.6 88.6 132.8#

77 65.3 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.36 ng

RT: 7.12 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

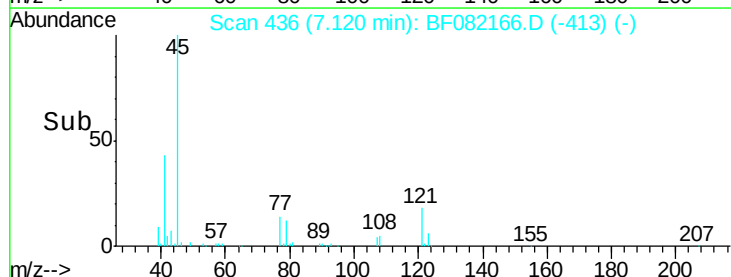
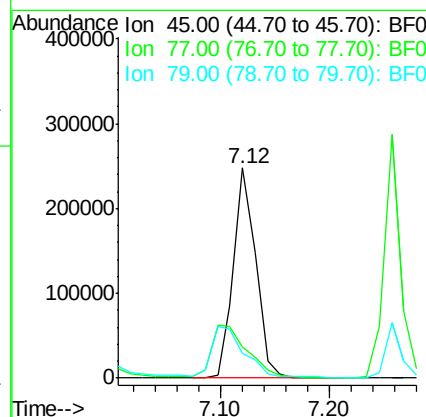
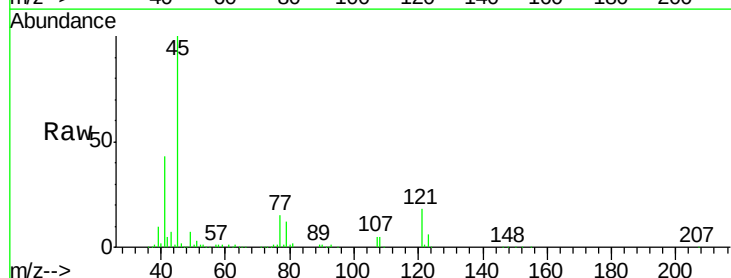
Tgt Ion: 45 Resp: 349075

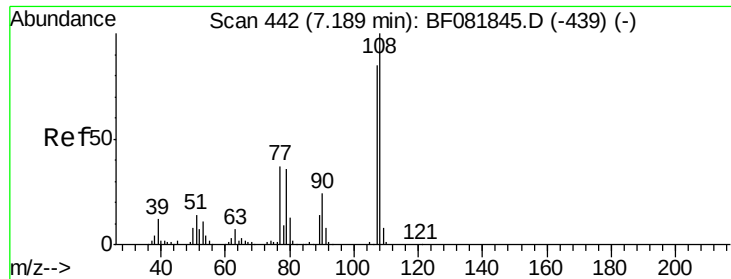
Ion Ratio Lower Upper

45 100

77 14.8 0.0 28.1

79 11.8 0.0 26.0





#17

2-Methylphenol

Concen: 37.96 ng

RT: 7.10 min Scan# 434

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 199875

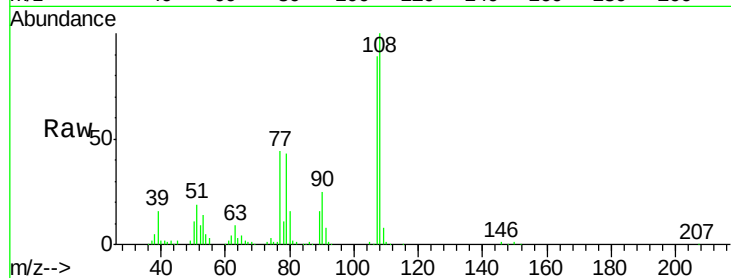
Ion Ratio Lower Upper

107 100

108 112.7 96.6 145.0

77 49.3 23.3 34.9#

79 48.6 22.0 33.0#

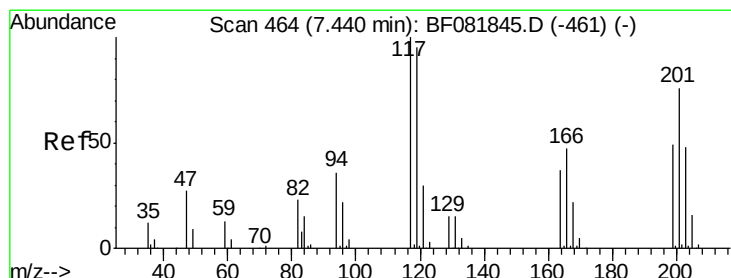
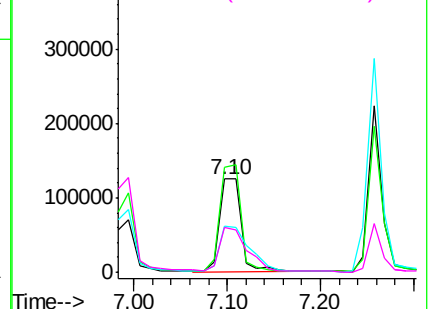
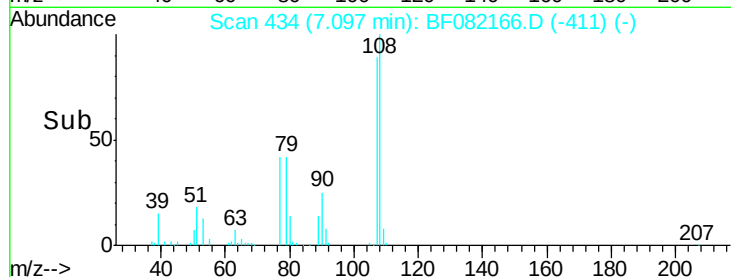


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.91 ng

RT: 7.35 min Scan# 456

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

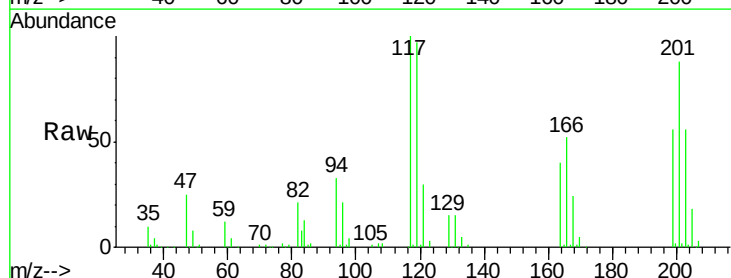
Tgt Ion:117 Resp: 100065

Ion Ratio Lower Upper

117 100

119 97.3 83.8 125.6

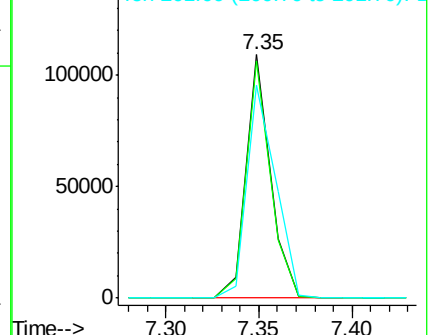
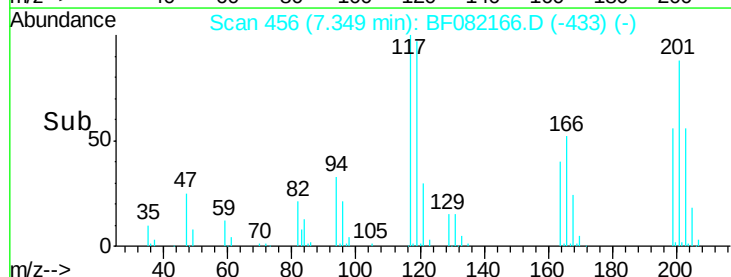
201 87.7 55.1 82.7#

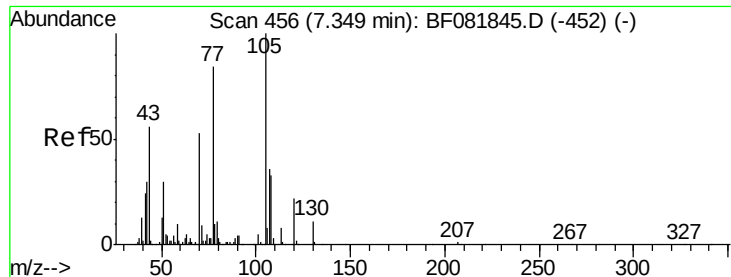


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

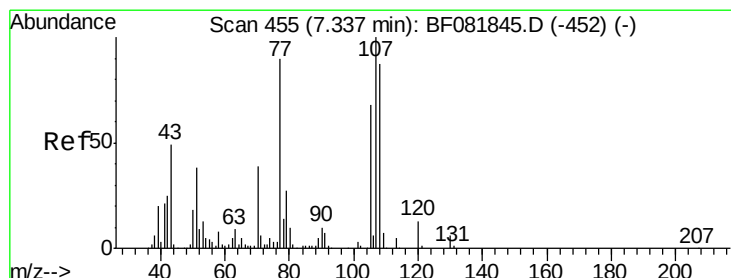
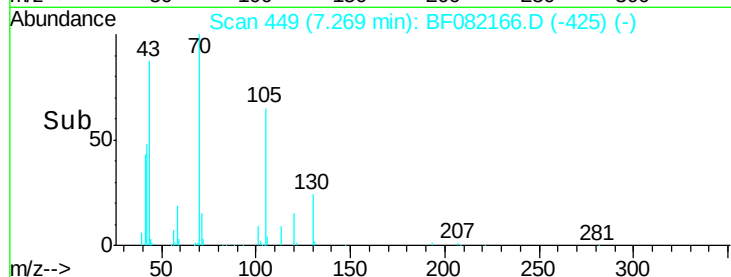
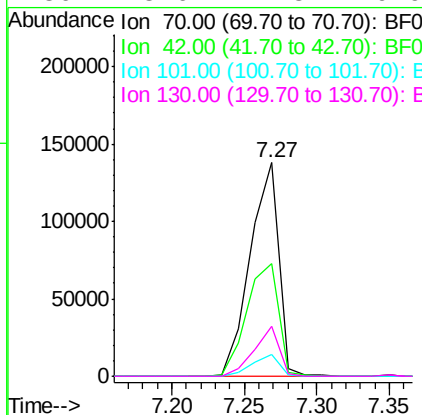
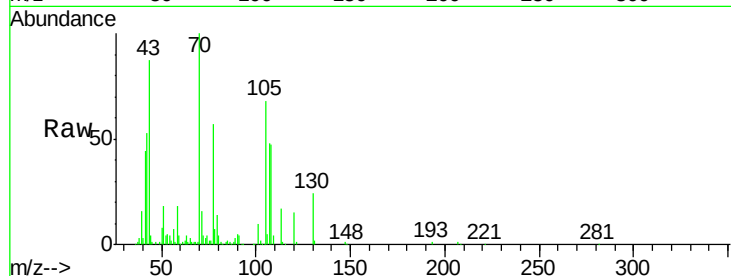




#19
n-Nitroso-di-n-propylamine
Concen: 41.92 ng
RT: 7.27 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF082166.D
Acq: 10 Oct 2015 9:56

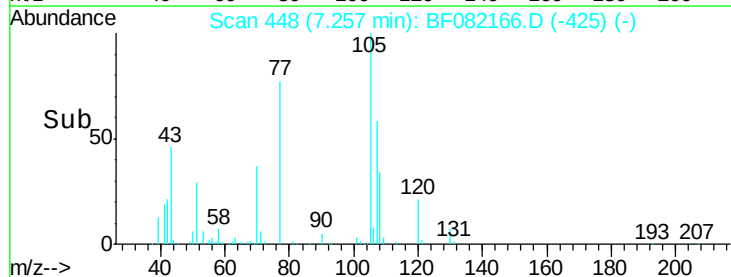
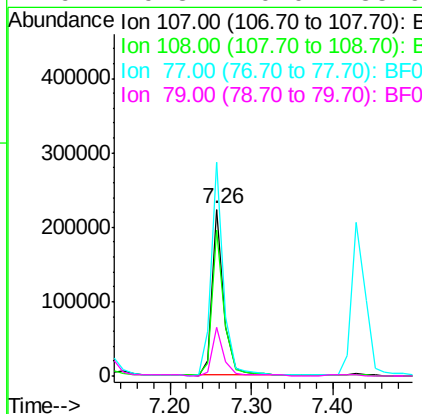
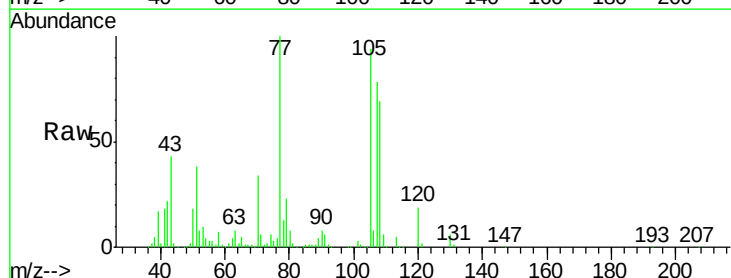
Instrument :
BNA_F
ClientSampleId :

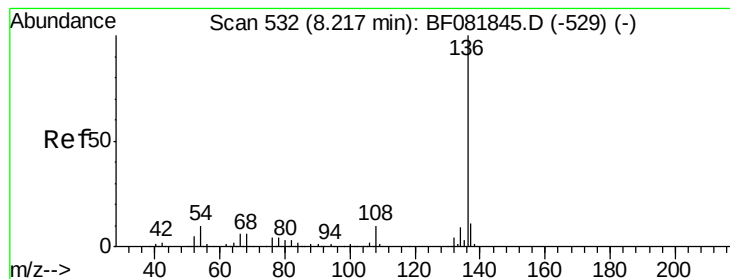
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.7	63.8	95.6#
101	10.3	9.2	13.8
130	23.6	27.3	40.9#



#20
3+4-Methylphenols
Concen: 34.05 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.03 min
Lab File: BF082166.D
Acq: 10 Oct 2015 9:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	74.6	114.6
77	127.9	0.7	40.7#
79	29.3	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 423759

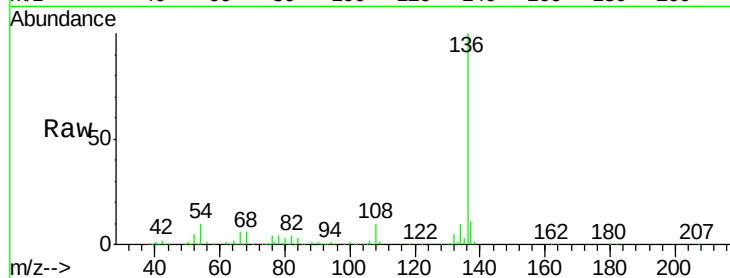
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 9.8 8.2 12.2

68 6.1 5.8 8.6



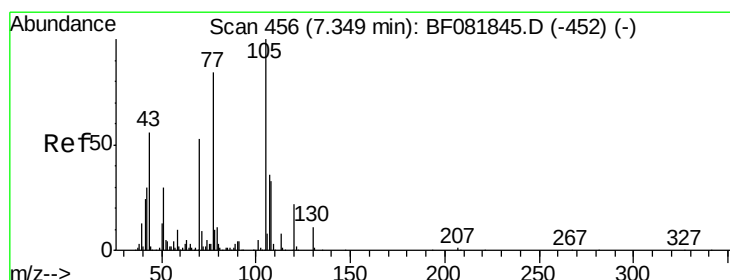
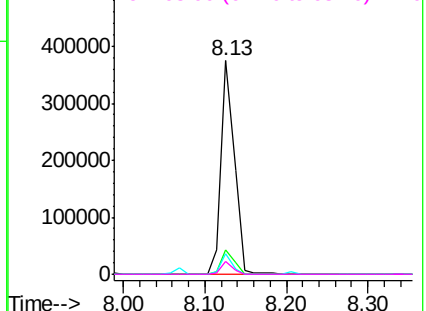
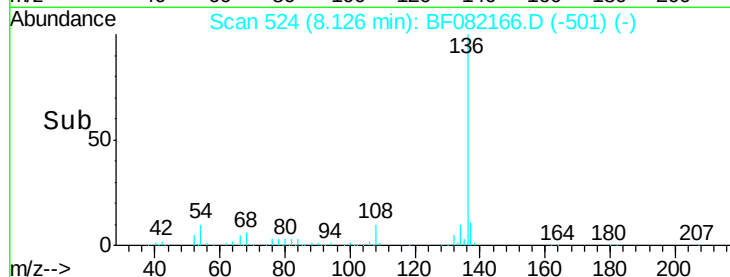
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.14 ng

RT: 7.26 min Scan# 448

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Tgt Ion:105 Resp: 321752

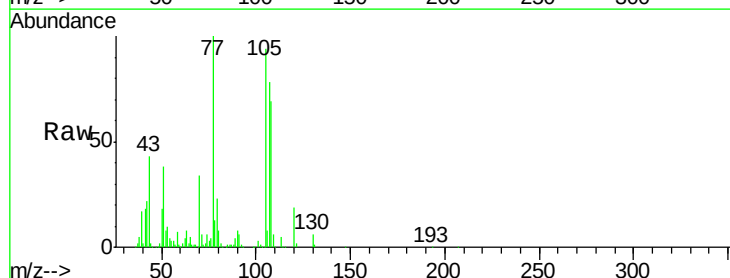
Ion Ratio Lower Upper

105 100

71 6.0 4.7 7.1

51 40.2 22.0 33.0#

120 20.3 30.1 45.1#



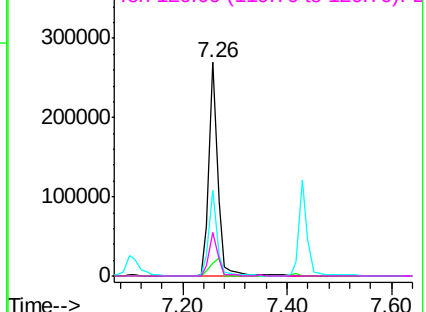
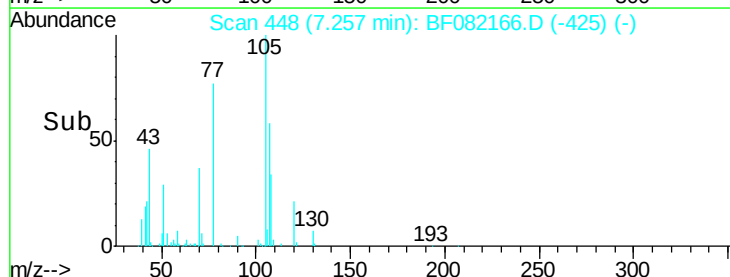
Abundance

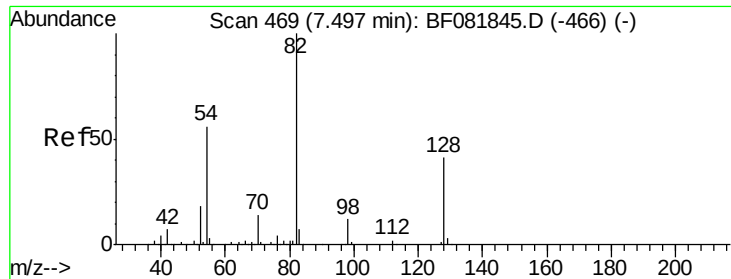
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

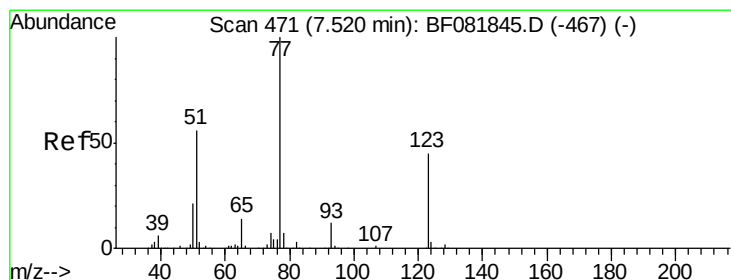
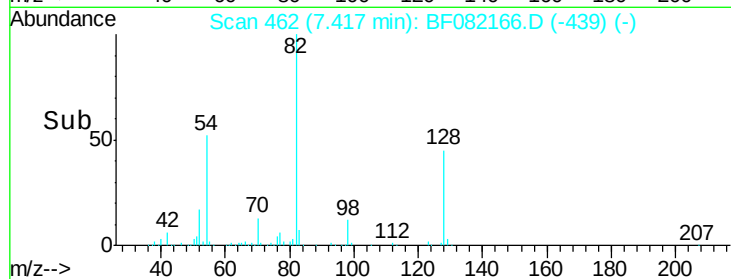
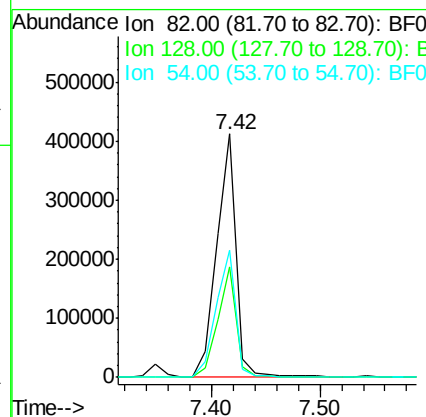
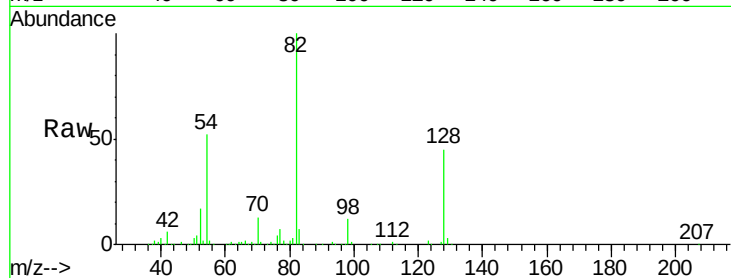




#23
 Nitrobenzene-d5
 Concen: 81.40 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

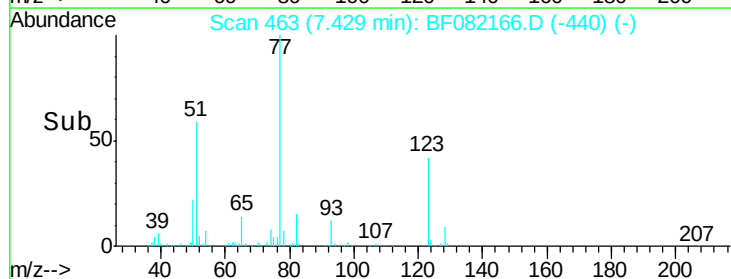
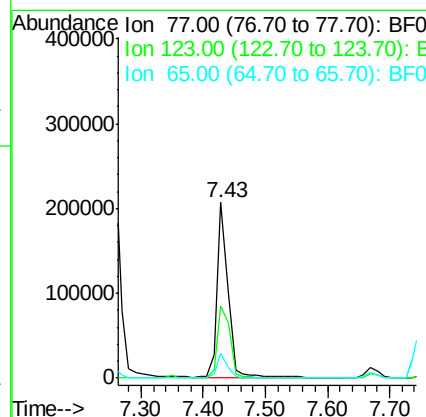
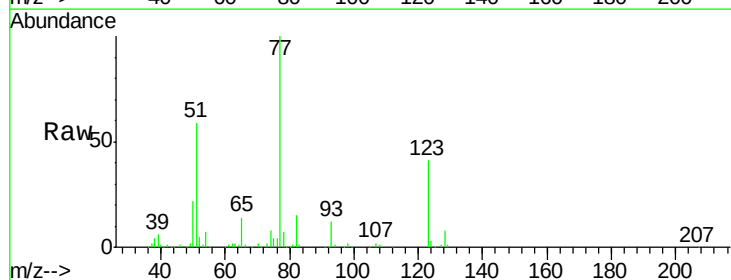
Instrument :
 BNA_F
 ClientSampleId :

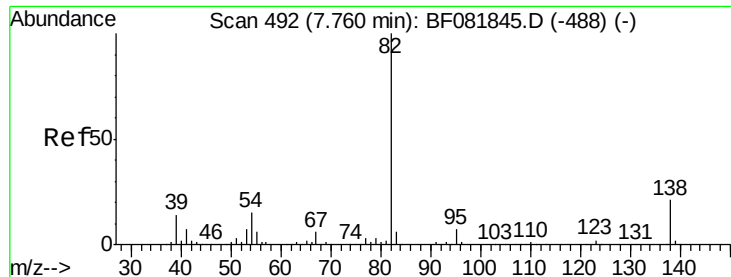
Tot Ion	82	Resp	517482
Ion Ratio	Lower	Upper	
82	100		
128	45.5	51.0	76.6#
54	52.2	47.5	71.3



#24
 Nitrobenzene
 Concen: 35.88 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

Tgt Ion	77	Resp	247688
Ion Ratio	Lower	Upper	
77	100		
123	41.4	59.8	89.8#
65	14.1	10.2	15.4





#25

Isophorone

Concen: 38.65 ng

RT: 7.67 min Scan# 484

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampleId :

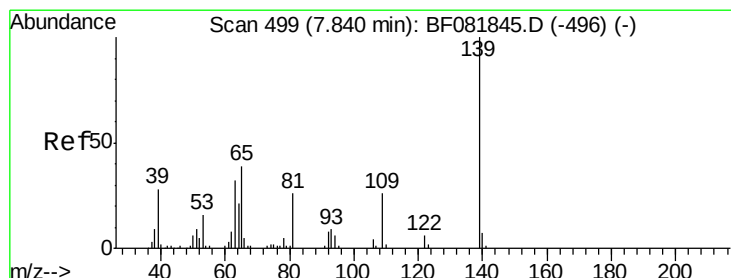
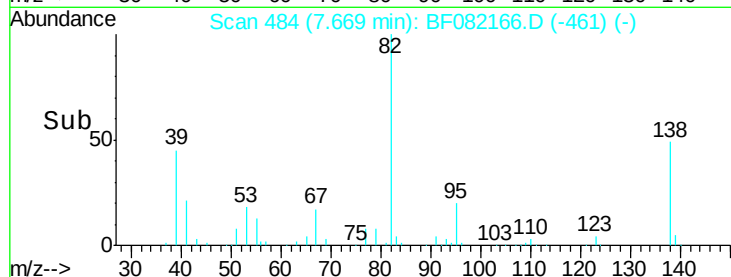
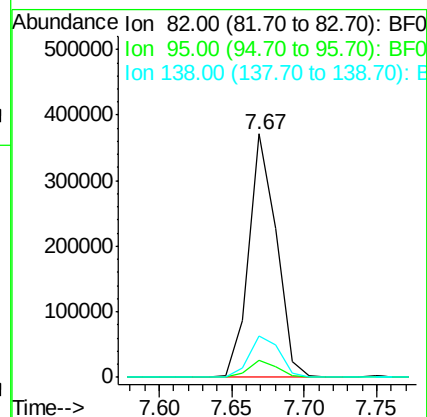
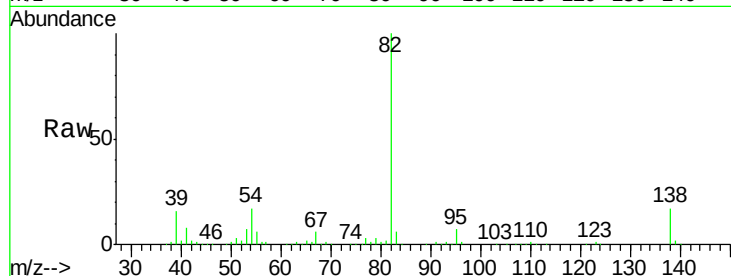
Tot Ion: 82 Resp: 486934

Ion Ratio Lower Upper

82 100

95 7.1 4.0 6.0#

138 16.9 18.3 27.5#



#26

2-Nitrophenol

Concen: 44.53 ng

RT: 7.75 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

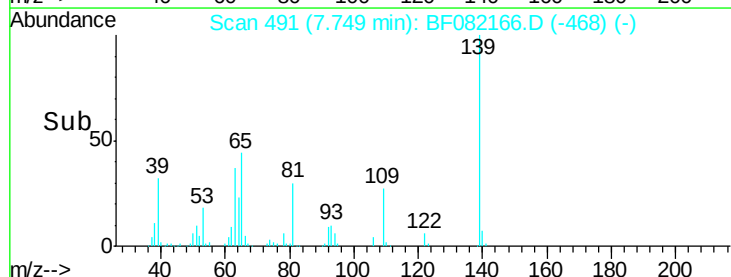
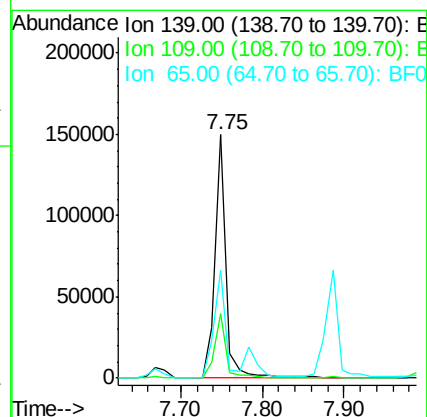
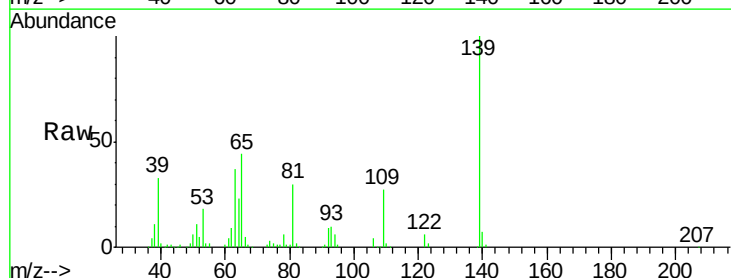
Tgt Ion: 139 Resp: 147540

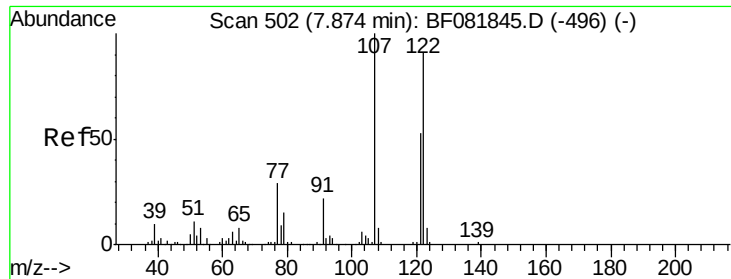
Ion Ratio Lower Upper

139 100

109 26.7 11.0 16.4#

65 44.4 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 36.90 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.03 min

Lab File: BF082166.D

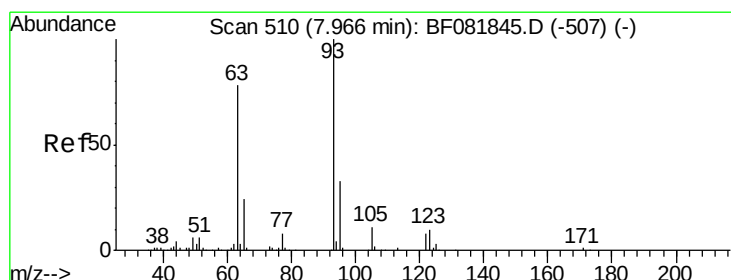
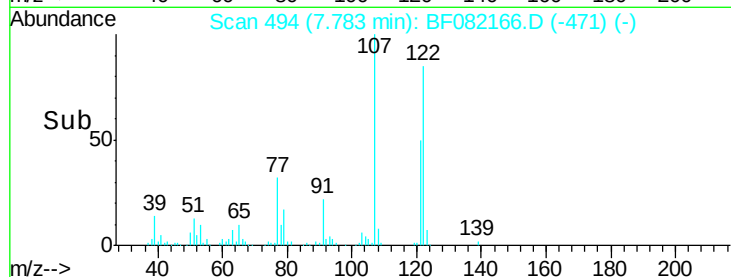
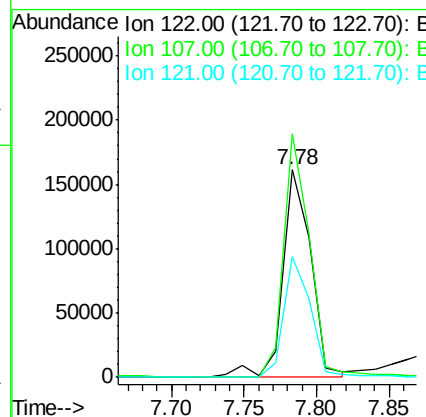
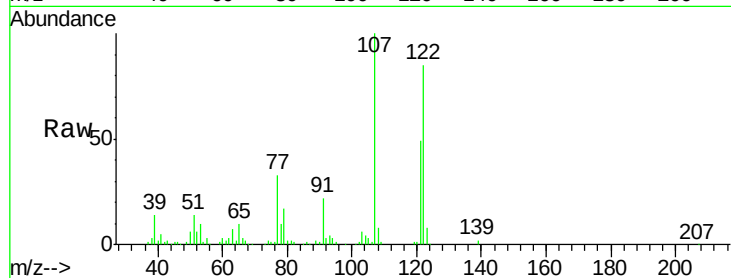
Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.5	71.8	107.6#
121	58.0	42.3	63.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.85 ng

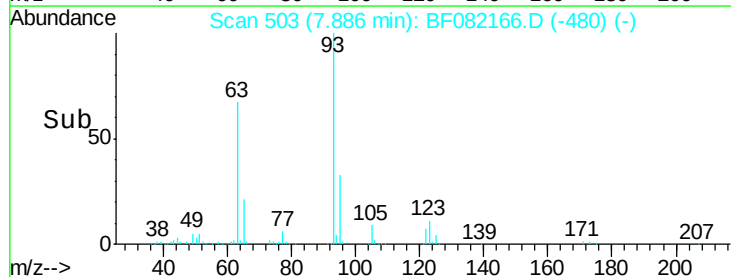
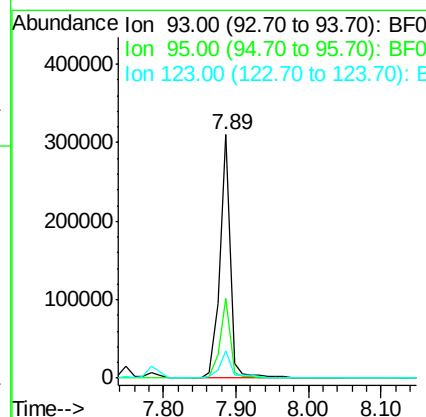
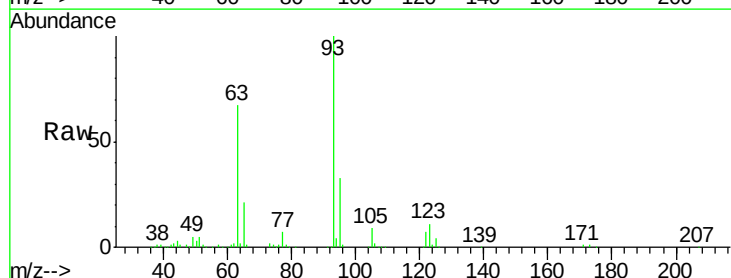
RT: 7.89 min Scan# 503

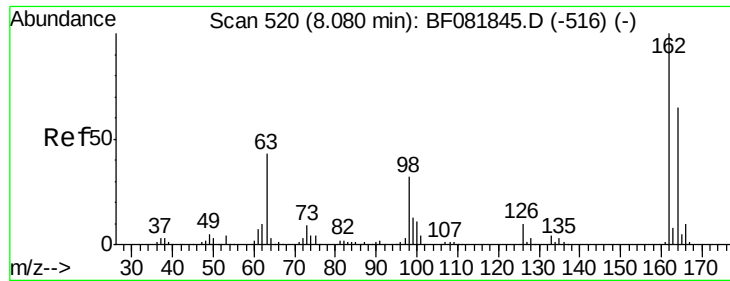
Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	27.5	41.3
123	11.3	13.7	20.5#

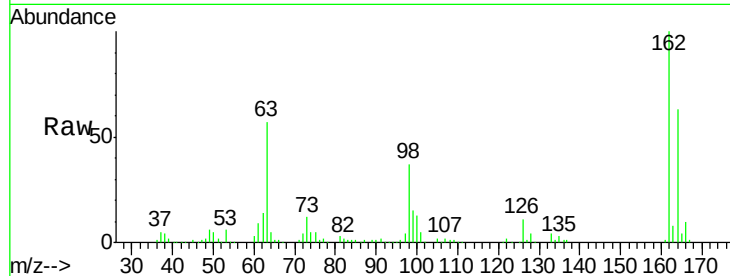




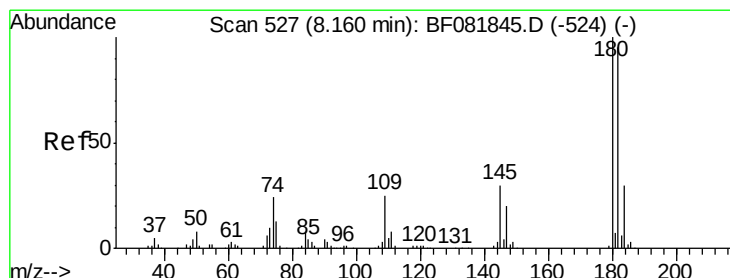
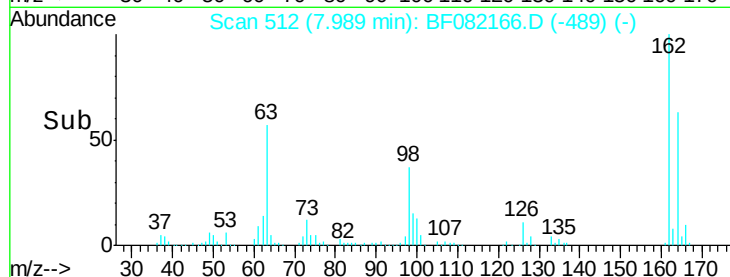
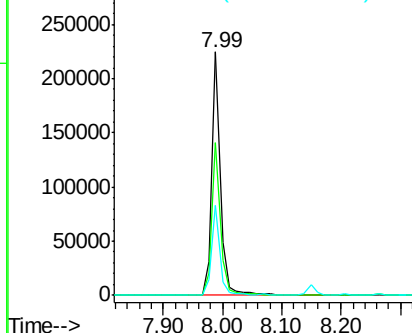
#29
 2,4-Dichlorophenol
 Concen: 40.08 ng
 RT: 7.99 min Scan# 512
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.9	84.9
98	36.7	13.0	53.0

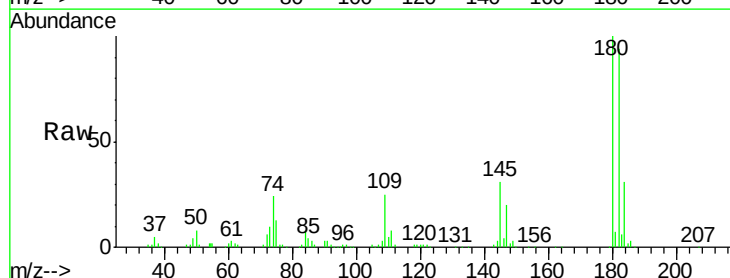


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

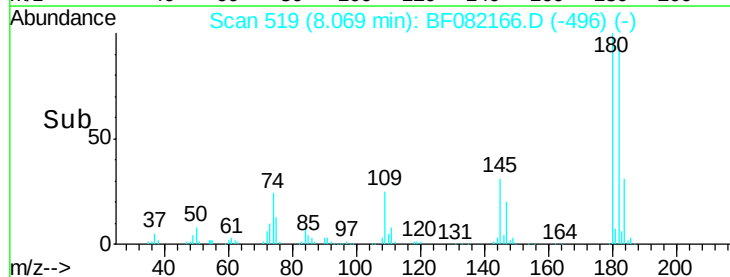
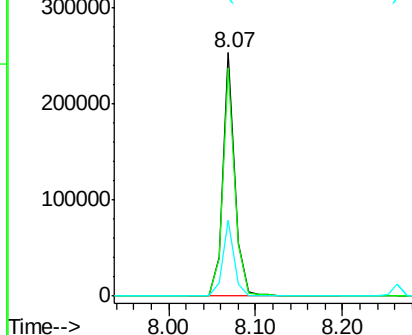


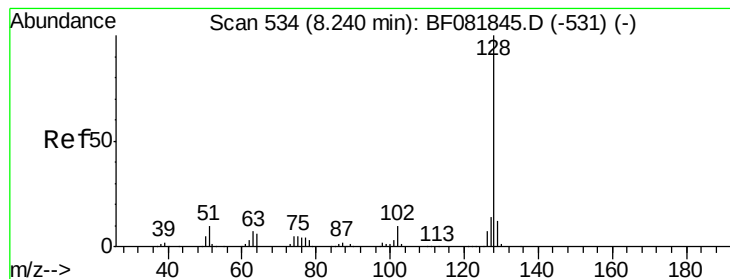
#30
 1,2,4-Trichlorobenzene
 Concen: 39.07 ng
 RT: 8.07 min Scan# 519
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.1	115.7
145	31.1	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.19 ng

RT: 8.15 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampleId :

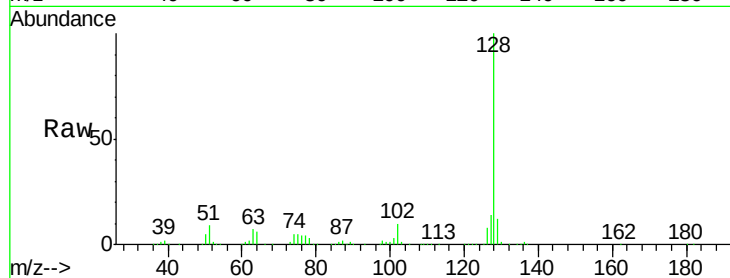
Tot Ion:128 Resp: 679629

Ion Ratio Lower Upper

128 100

129 11.9 8.4 12.6

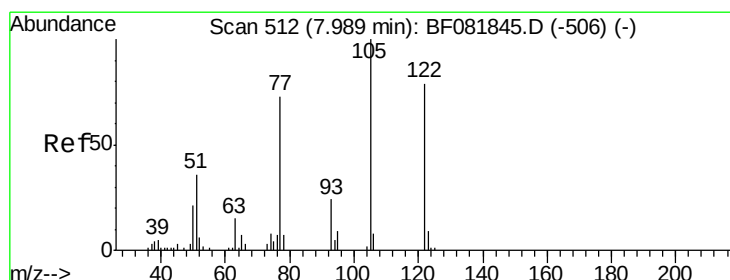
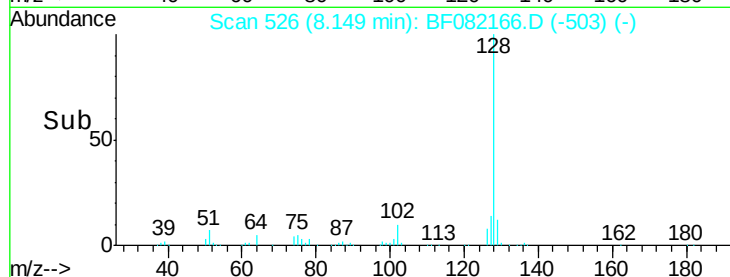
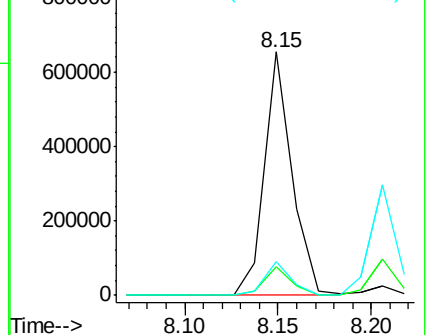
127 13.7 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.62 ng

RT: 7.92 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

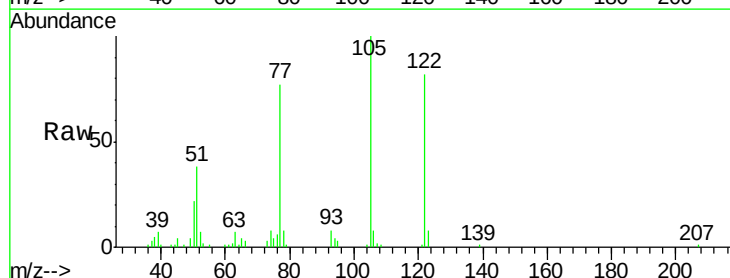
Tgt Ion:122 Resp: 149317

Ion Ratio Lower Upper

122 100

105 122.3 76.1 116.1#

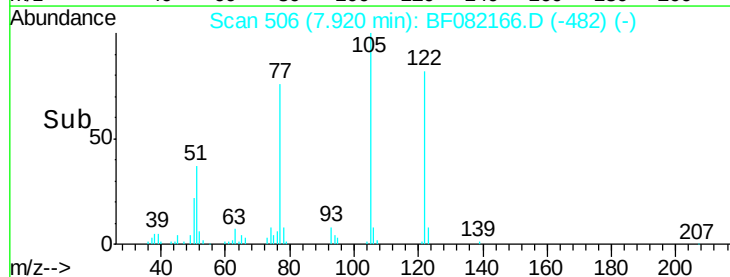
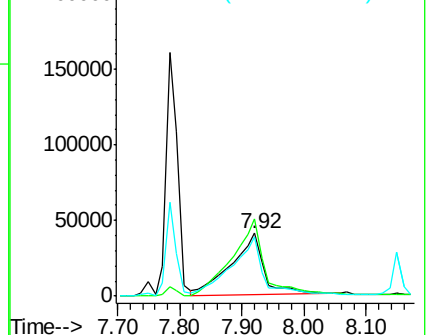
77 94.4 40.5 80.5#

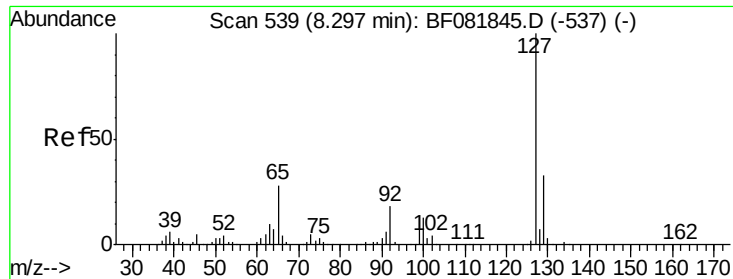


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

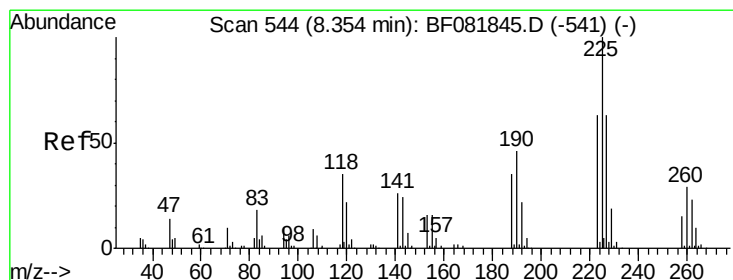
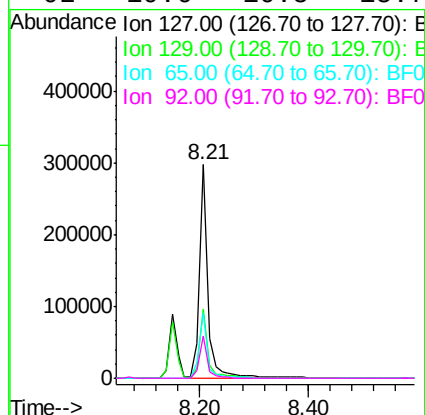
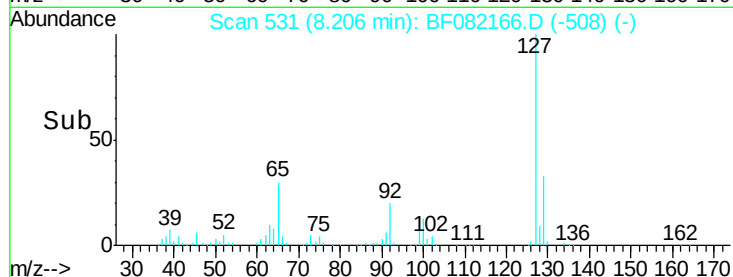
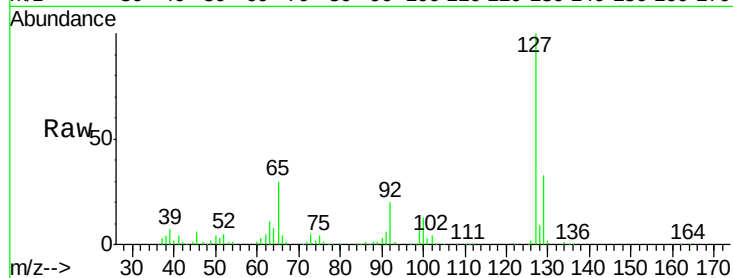




#33
4-Chloroaniline
Concen: 38.61 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF082166.D
Acq: 10 Oct 2015 9:56

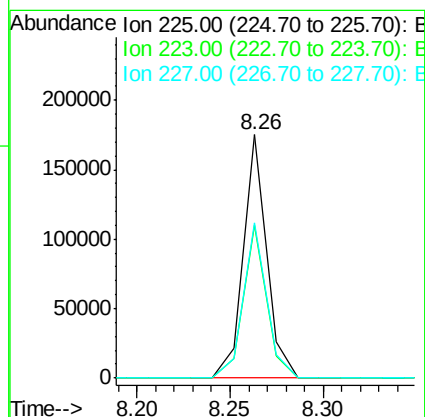
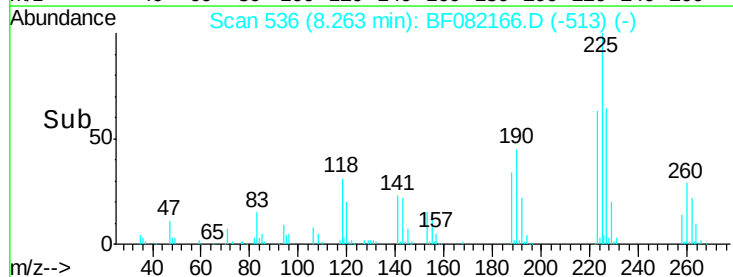
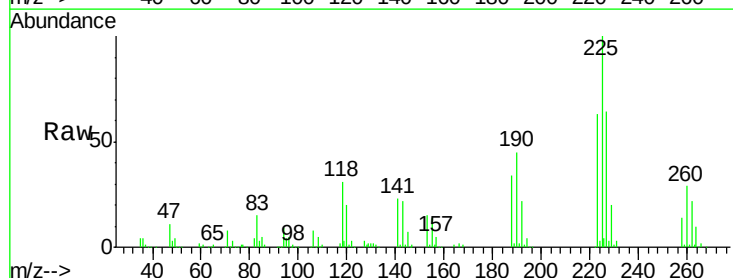
Instrument :
BNA_F
ClientSampleId :

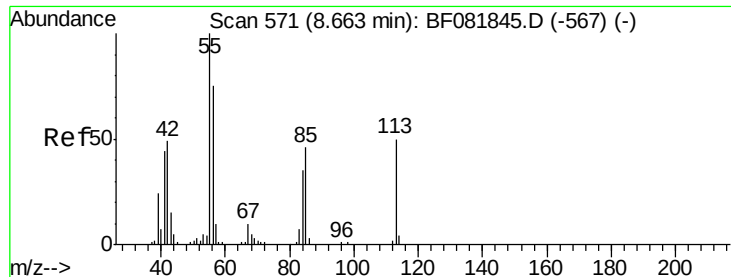
Tot Ion:127 Resp: 313522
Ion Ratio Lower Upper
127 100
129 32.6 25.8 38.6
65 30.4 17.9 26.9#
92 19.6 10.5 15.7#



#34
Hexachlorobutadiene
Concen: 41.07 ng
RT: 8.26 min Scan# 536
Delta R.T. -0.03 min
Lab File: BF082166.D
Acq: 10 Oct 2015 9:56

Tgt Ion:225 Resp: 153253
Ion Ratio Lower Upper
225 100
223 62.7 50.2 75.2
227 64.0 52.2 78.2

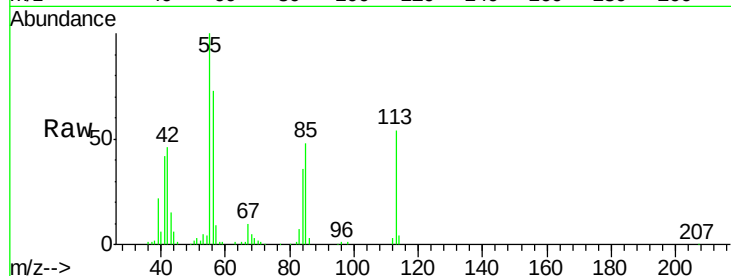




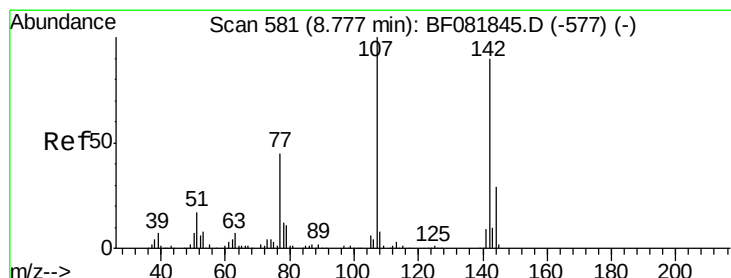
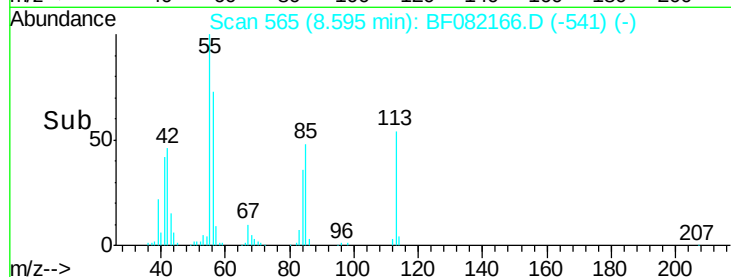
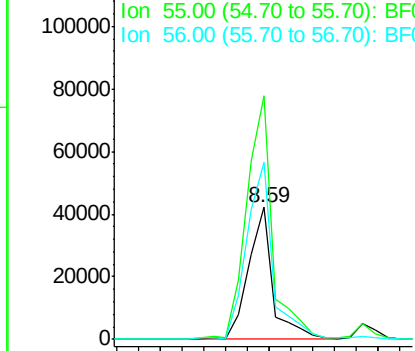
#35
 Caprolactam
 Concen: 41.78 ng
 RT: 8.59 min Scan# 565
 Delta R.T. -0.02 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 65374
 Ion Ratio Lower Upper
 113 100
 55 184.9 152.4 192.4
 56 134.5 104.6 144.6

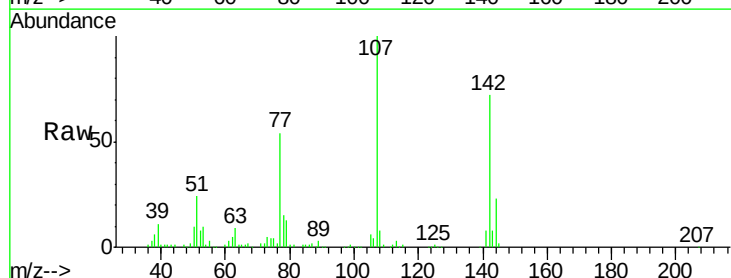


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

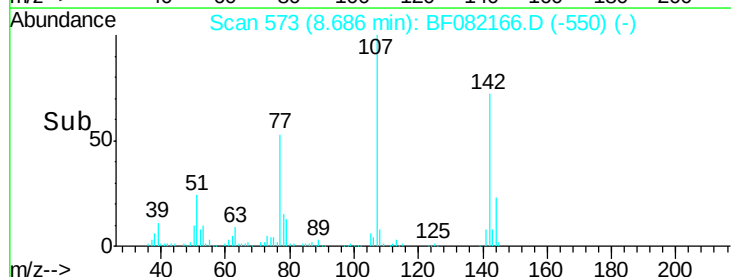
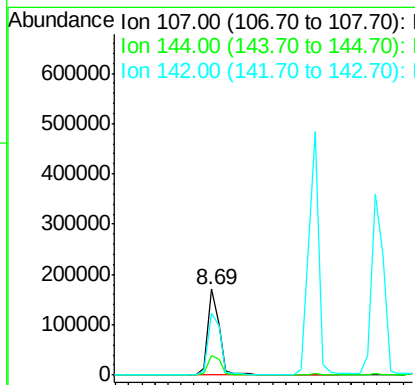


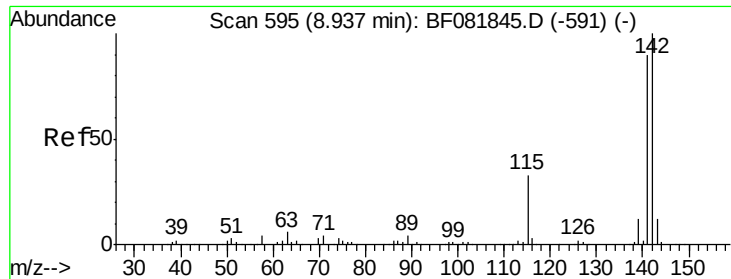
#36
 4-Chloro-3-methylphenol
 Concen: 38.65 ng
 RT: 8.69 min Scan# 573
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

Tgt Ion:107 Resp: 213584
 Ion Ratio Lower Upper
 107 100
 144 23.4 25.4 38.0#
 142 72.4 77.3 115.9#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

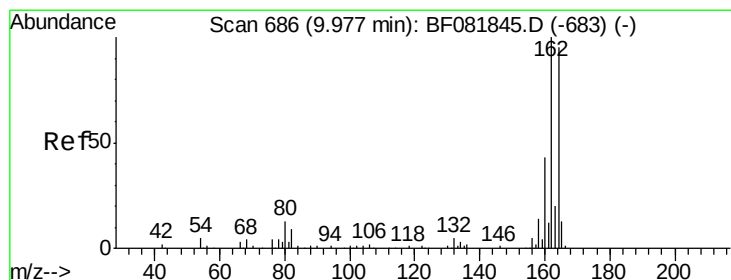
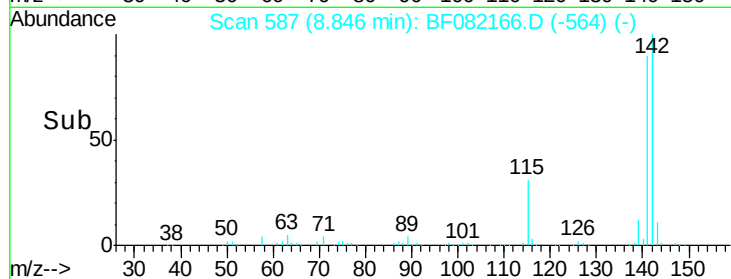
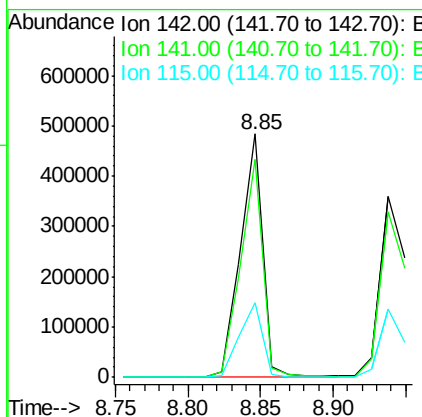
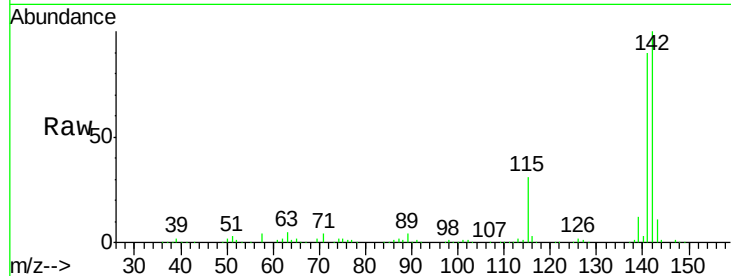




#37
 2-Methylnaphthalene
 Concen: 40.31 ng
 RT: 8.85 min Scan# 587
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

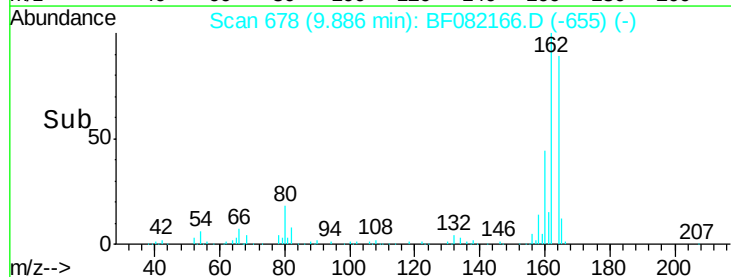
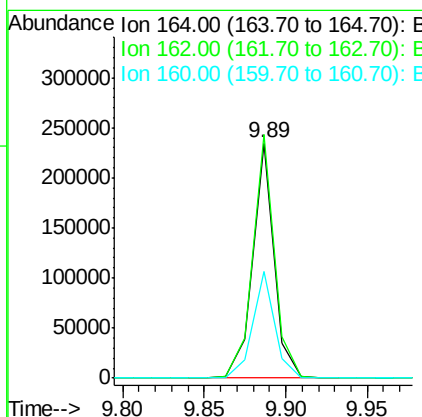
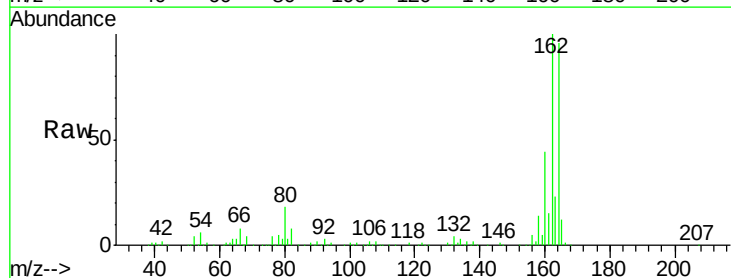
Instrument :
 BNA_F
 ClientSampleId :

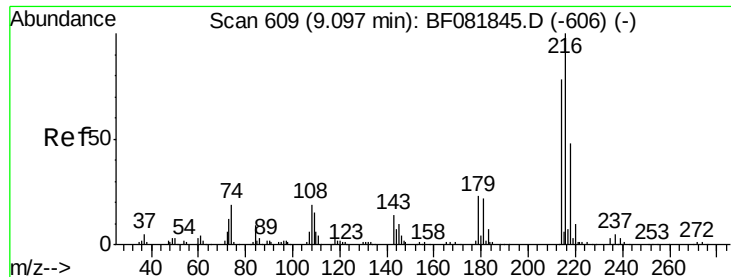
Tot Ion:142 Resp: 516709
 Ion Ratio Lower Upper
 142 100
 141 89.6 67.5 101.3
 115 30.9 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 678
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

Tgt Ion:164 Resp: 213693
 Ion Ratio Lower Upper
 164 100
 162 103.8 75.2 112.8
 160 45.4 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.46 ng

RT: 9.01 min Scan# 601

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 239221

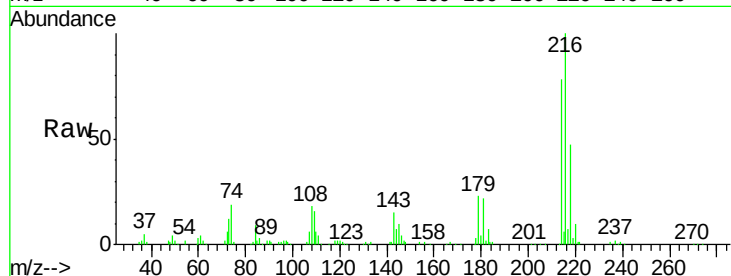
Ion Ratio Lower Upper

216 100

214 78.4 63.5 95.3

179 21.7 16.6 24.8

108 17.9 16.3 24.5

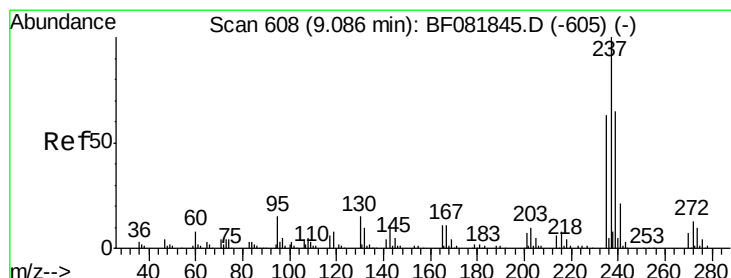
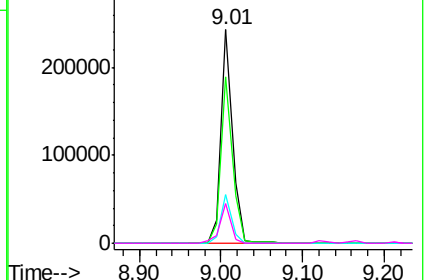
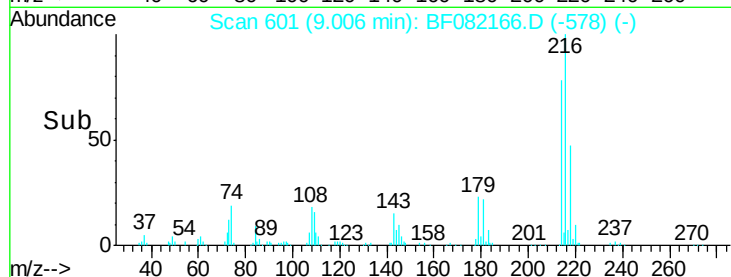


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 31.99 ng

RT: 8.99 min Scan# 600

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

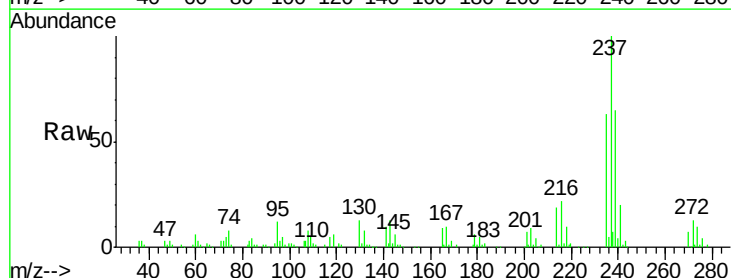
Tgt Ion:237 Resp: 108071

Ion Ratio Lower Upper

237 100

235 63.0 42.0 82.0

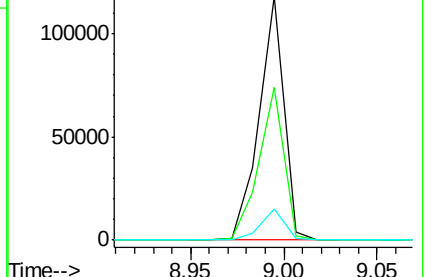
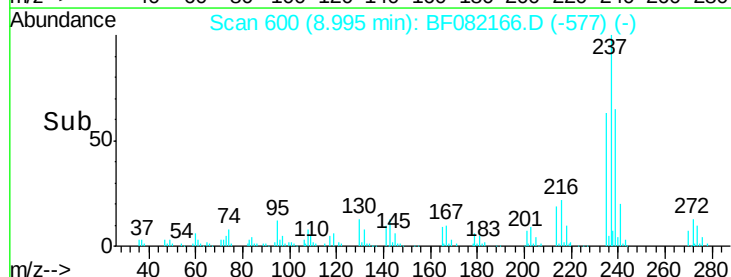
272 12.7 0.0 36.1

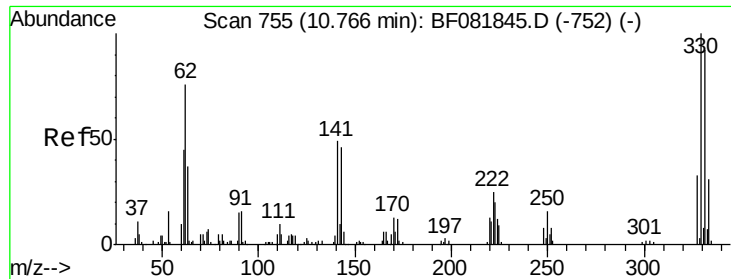


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

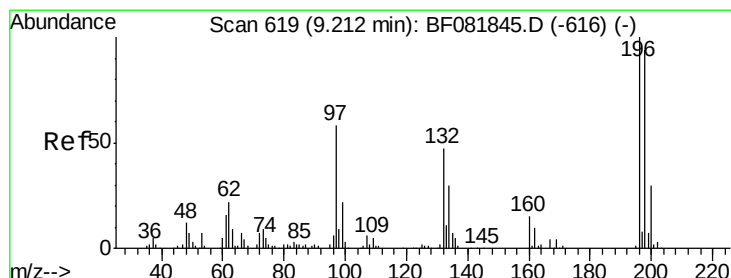
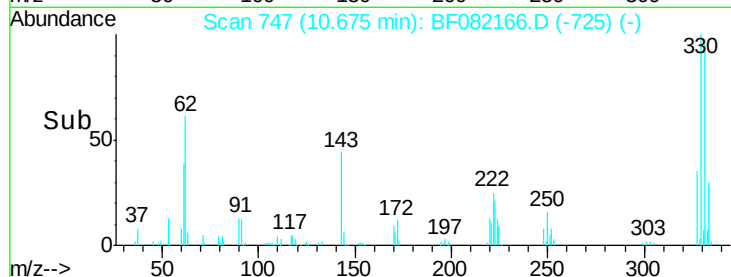
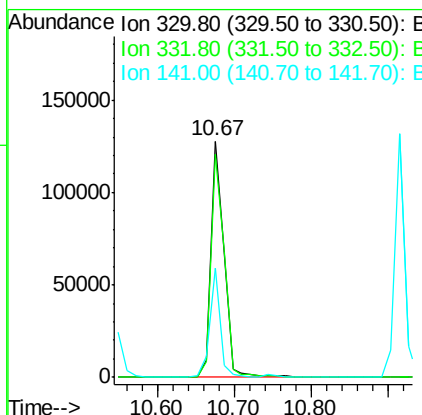
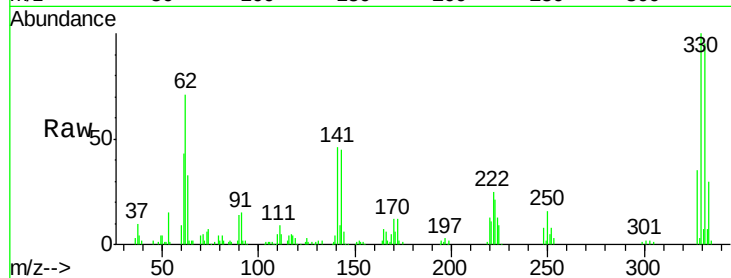




#41
 2,4,6-Tribromophenol
 Concen: 68.38 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

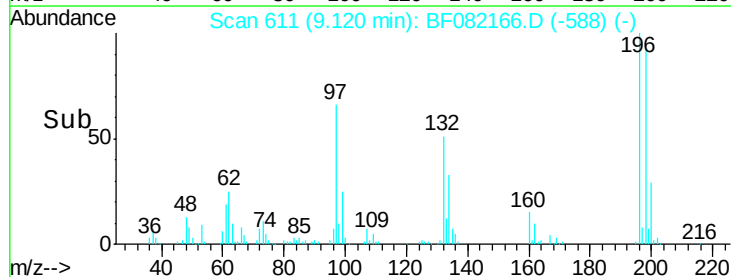
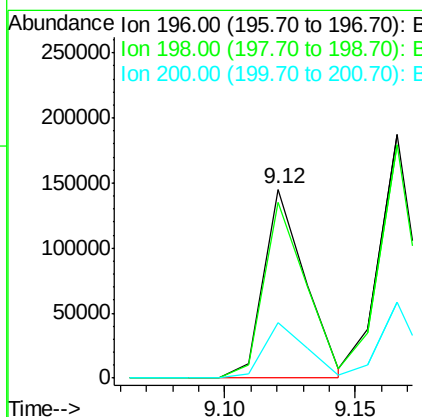
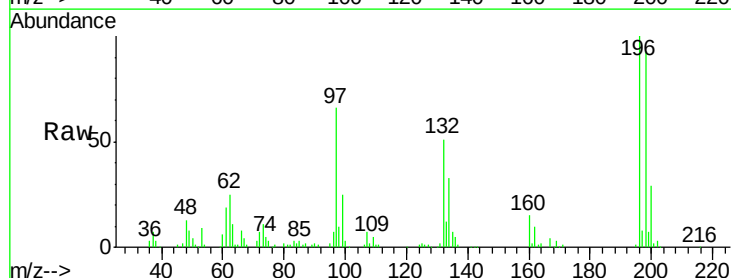
Instrument :
 BNA_F
 ClientSampleId :

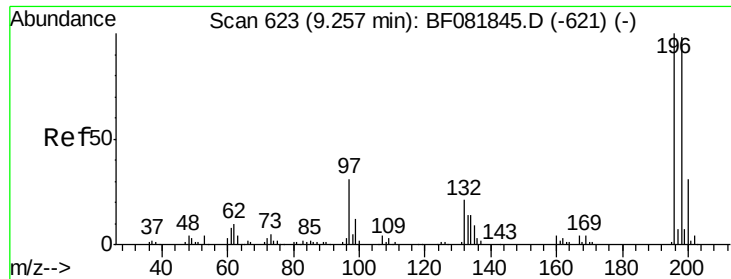
Tot Ion:330 Resp: 147992
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 37.5 29.7 44.5



#42
 2,4,6-Trichlorophenol
 Concen: 35.69 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

Tgt Ion:196 Resp: 160525
 Ion Ratio Lower Upper
 196 100
 198 93.1 75.7 113.5
 200 29.4 23.9 35.9

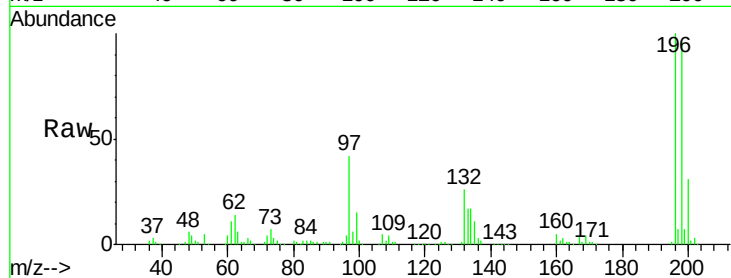




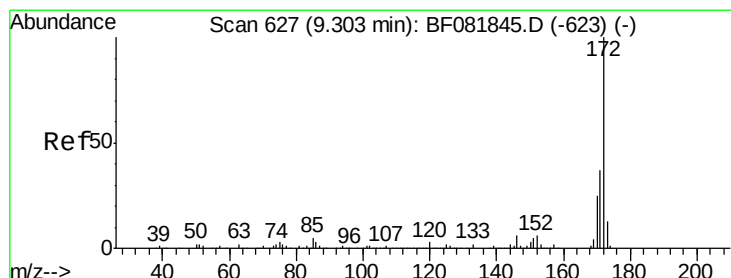
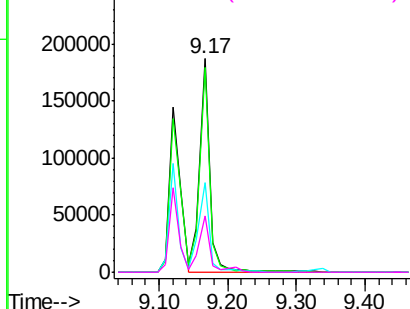
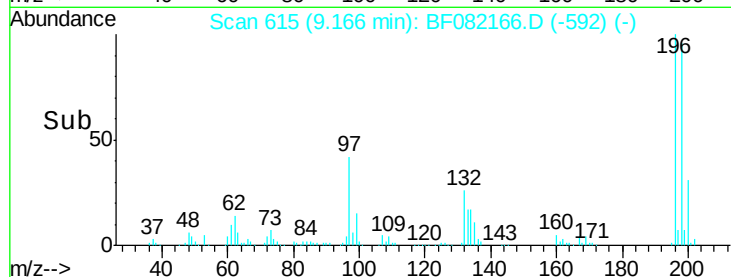
#43
 2,4,5-Trichlorophenol
 Concen: 39.99 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	184948
Ion Ratio	Lower	Upper
196	100	
198	95.9	75.4 113.0
97	41.8	33.3 49.9
132	26.4	24.6 37.0

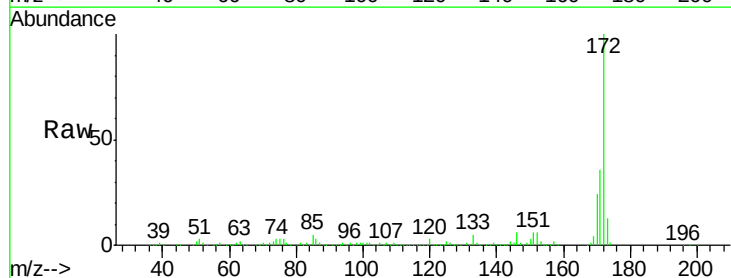


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

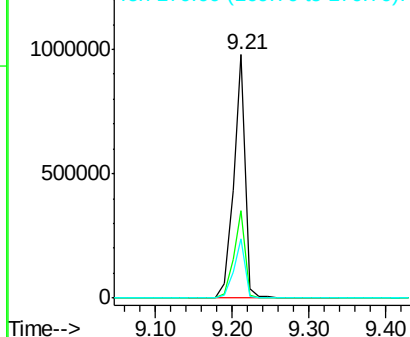
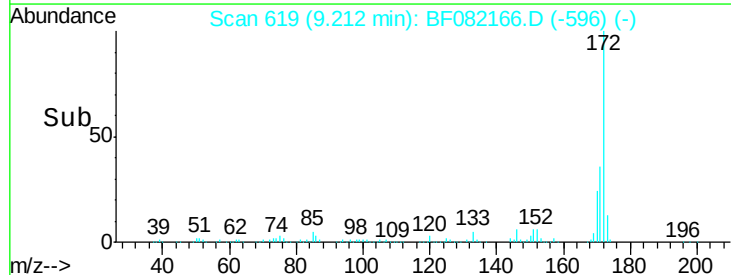


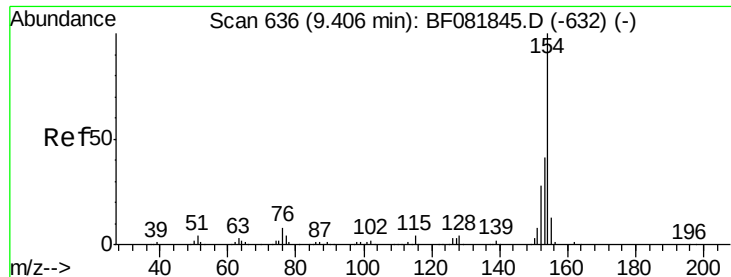
#44
 2-Fluorobiphenyl
 Concen: 82.01 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

Tgt Ion:172	Resp:	1054461
Ion Ratio	Lower	Upper
172	100	
171	36.1	26.1 39.1
170	24.4	17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

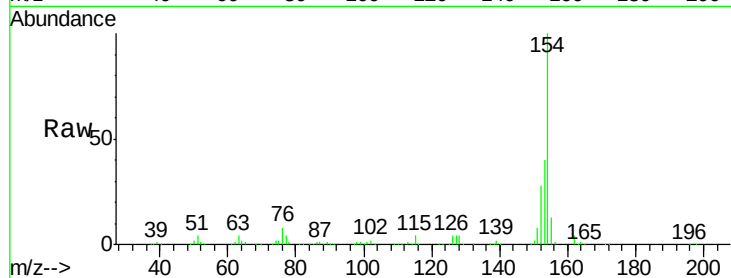




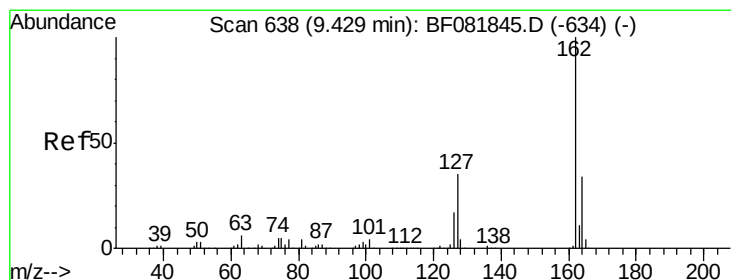
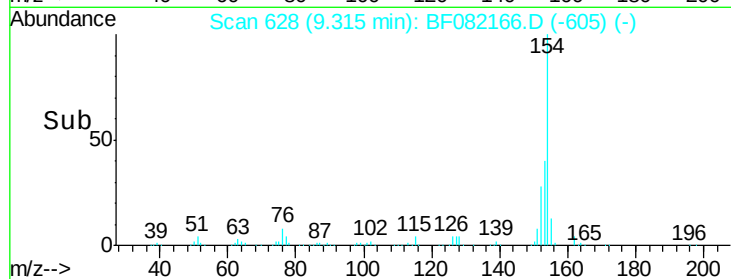
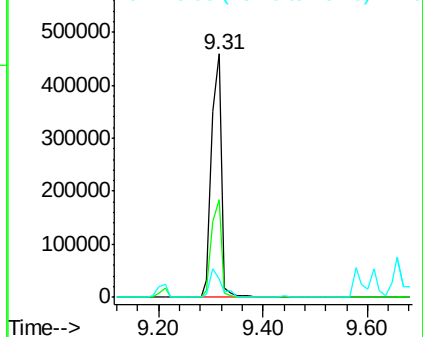
#45
 1,1'-Biphenyl
 Concen: 36.83 ng
 RT: 9.31 min Scan# 628
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 607145
 Ion Ratio Lower Upper
 154 100
 153 39.9 17.1 57.1
 76 7.6 0.0 31.6

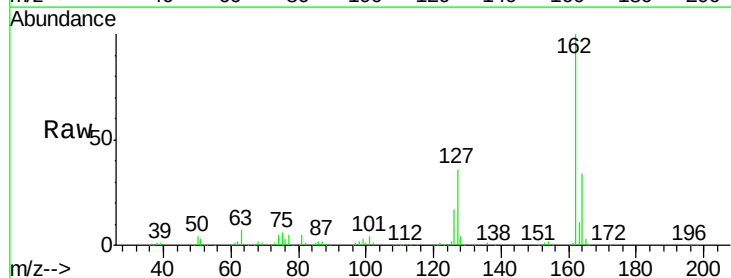


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

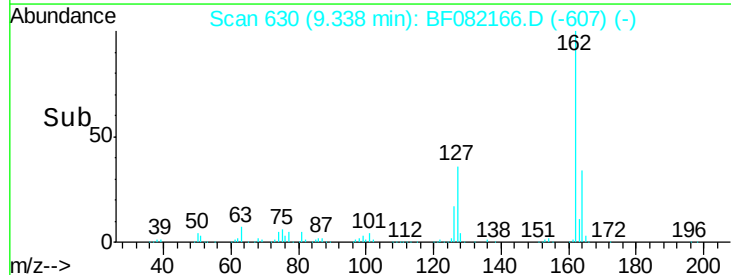
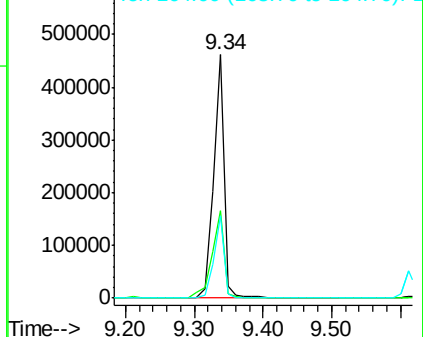


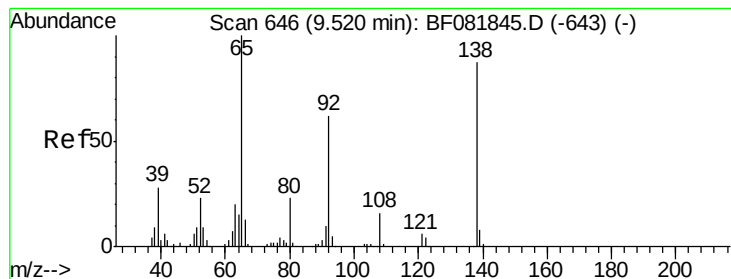
#46
 2-Chloronaphthalene
 Concen: 38.55 ng
 RT: 9.34 min Scan# 630
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

Tgt Ion:162 Resp: 499030
 Ion Ratio Lower Upper
 162 100
 127 35.9 27.6 41.4
 164 33.7 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.25 ng

RT: 9.44 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampleId :

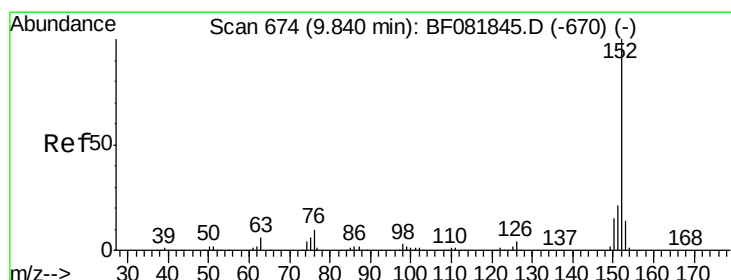
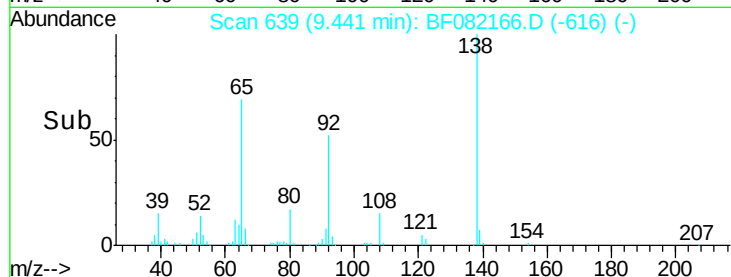
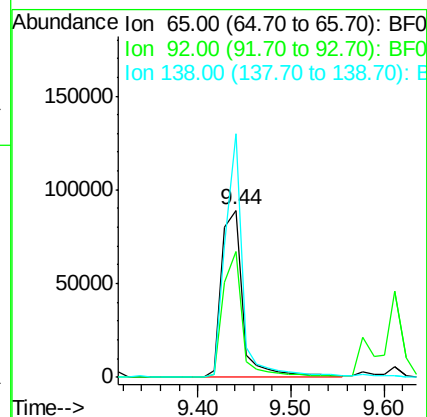
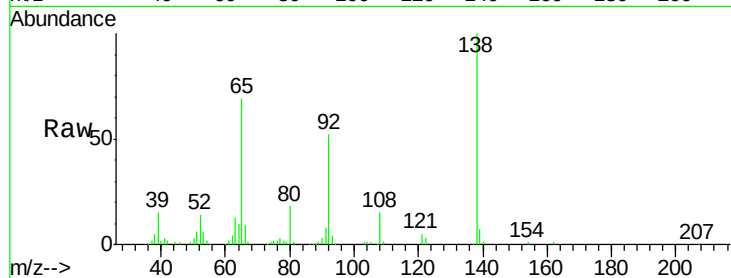
Tot Ion: 65 Resp: 141553

Ion Ratio Lower Upper

65 100

92 75.5 55.4 83.0

138 145.6 115.5 173.3



#48

Acenaphthylene

Concen: 37.06 ng

RT: 9.75 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

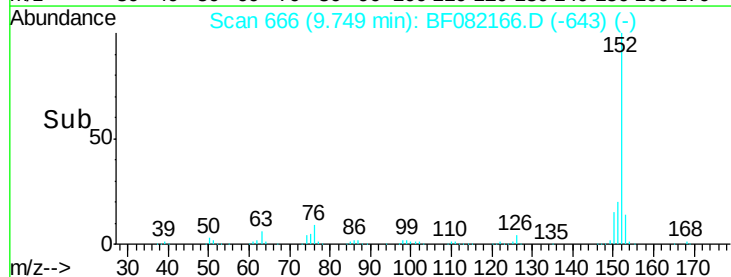
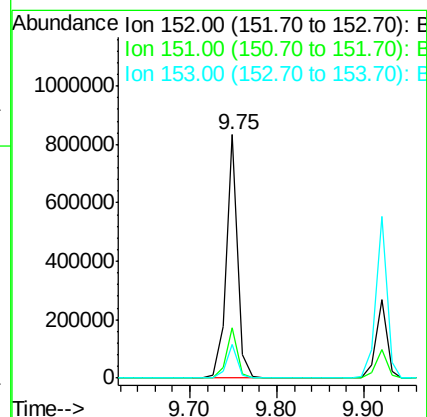
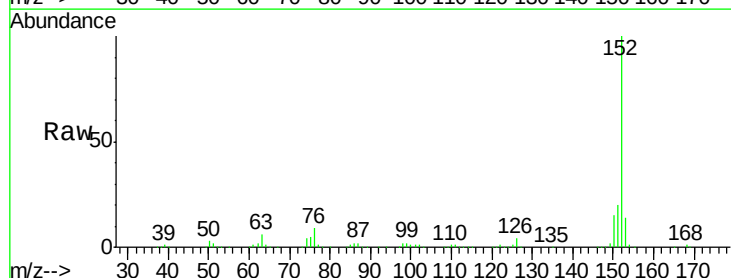
Tgt Ion: 152 Resp: 767732

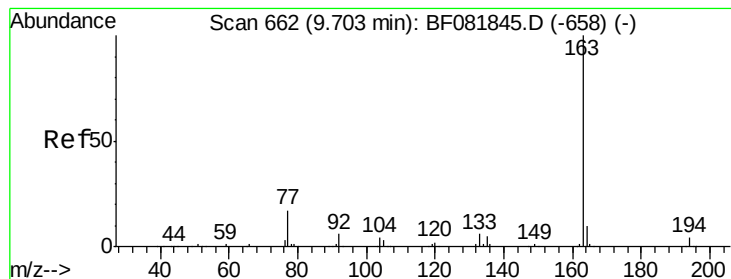
Ion Ratio Lower Upper

152 100

151 20.4 14.6 22.0

153 13.7 10.3 15.5





#49

Dimethylphthalate

Concen: 36.19 ng

RT: 9.61 min Scan# 654

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampleId :

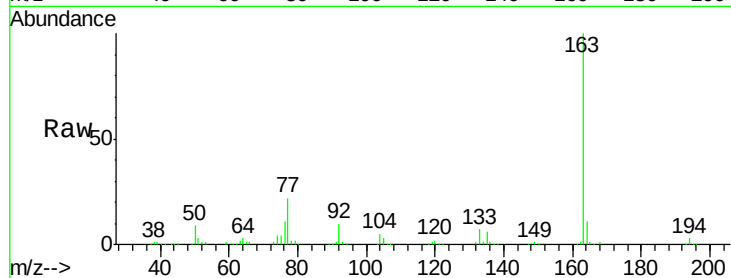
Tot Ion:163 Resp: 533861

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

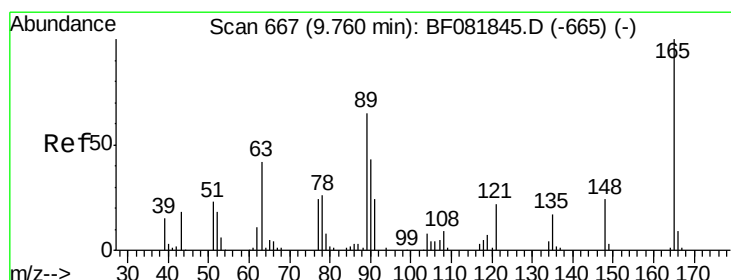
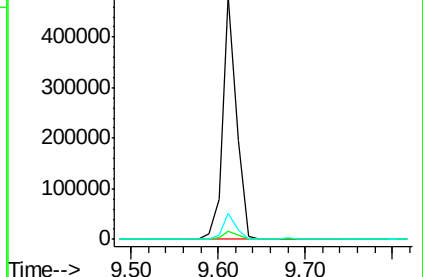
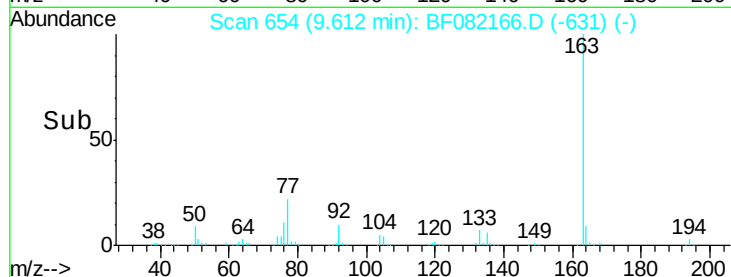
164 10.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.60 ng

RT: 9.68 min Scan# 660

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

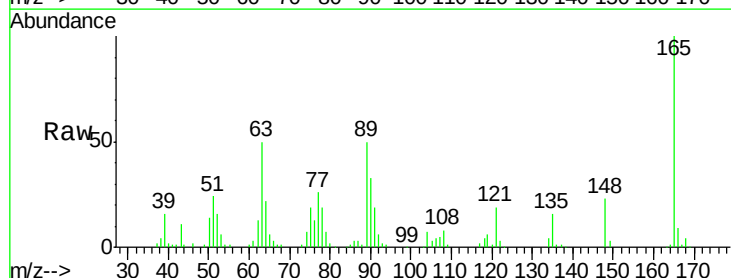
Tgt Ion:165 Resp: 130022

Ion Ratio Lower Upper

165 100

63 50.4 32.3 48.5#

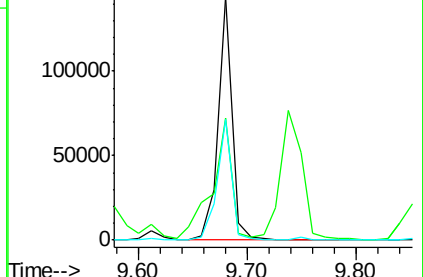
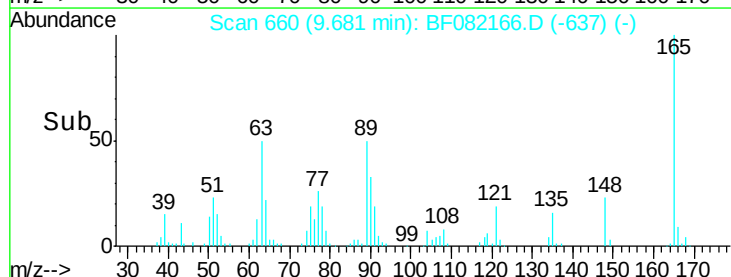
89 49.7 28.6 43.0#

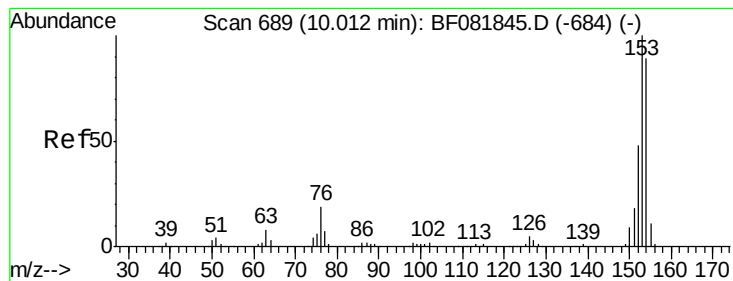


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.58 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampleId :

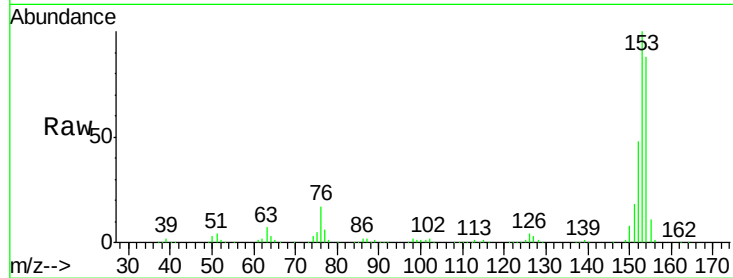
Tot Ion:154 Resp: 474696

Ion Ratio Lower Upper

154 100

153 113.8 82.1 123.1

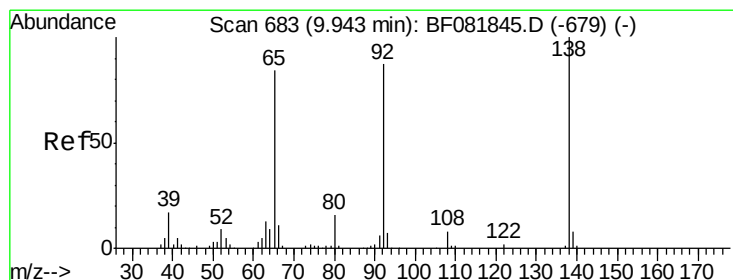
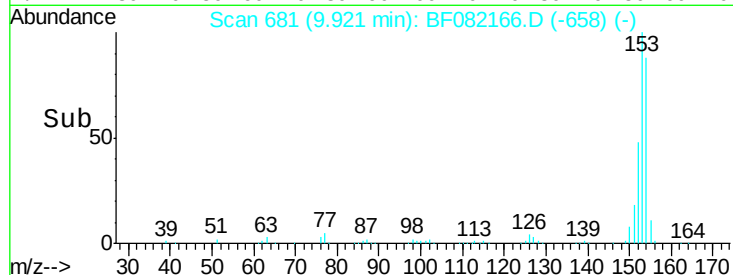
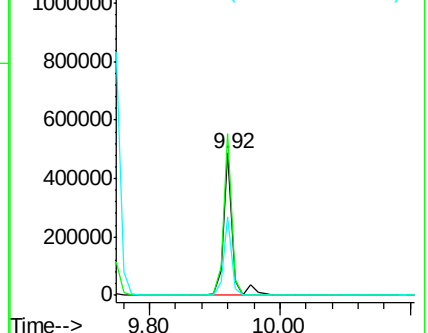
152 55.0 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.05 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

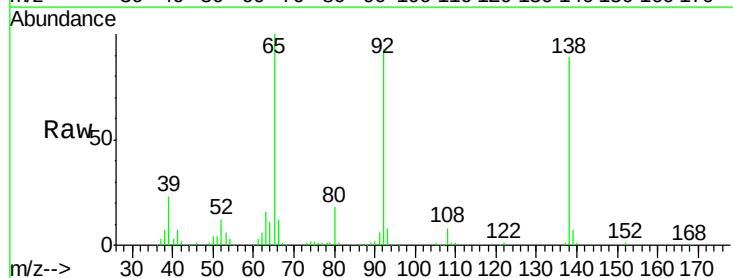
Tgt Ion:138 Resp: 144667

Ion Ratio Lower Upper

138 100

108 9.5 5.7 8.5#

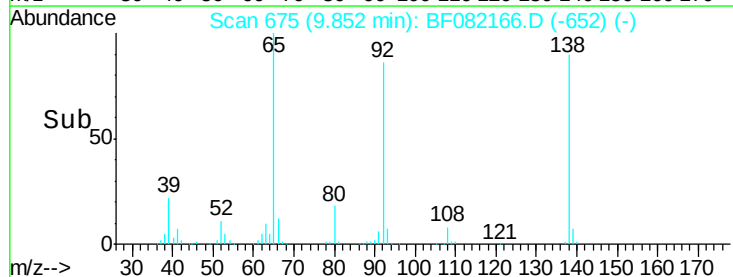
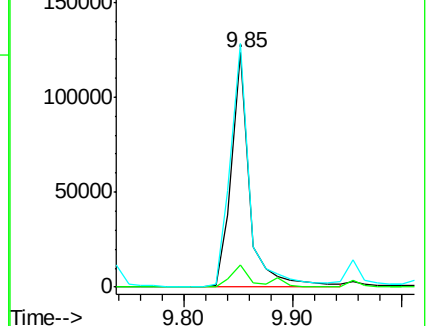
92 103.9 67.7 101.5#

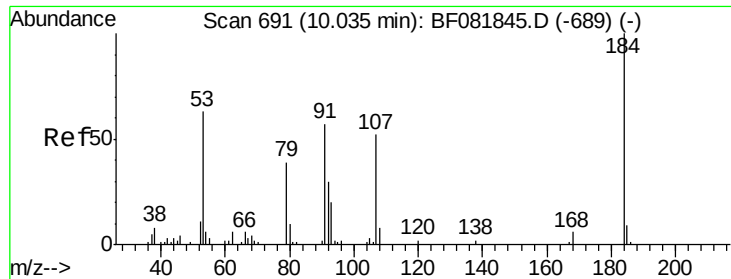


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

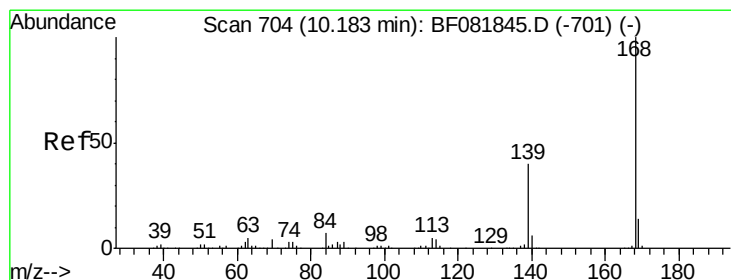
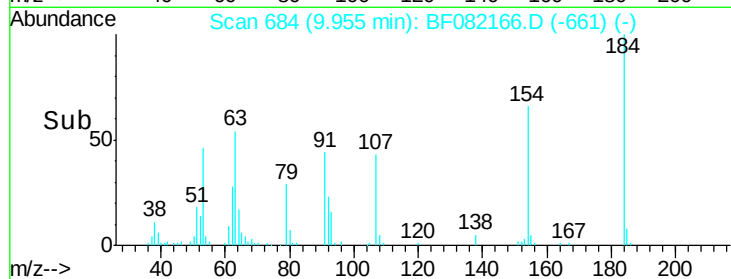
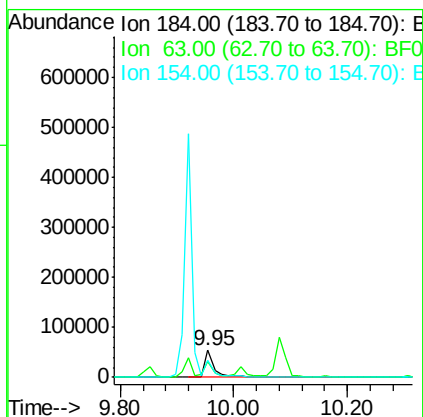
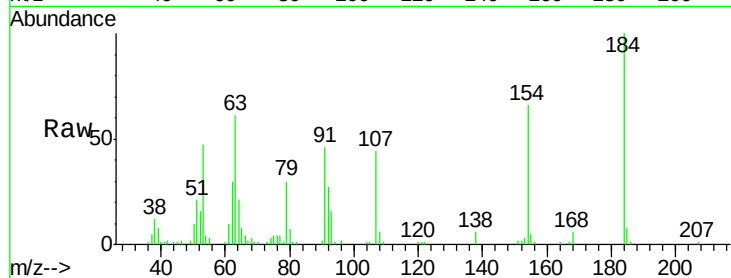




#53
 2,4-Dinitrophenol
 Concen: 53.78 ng
 RT: 9.95 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

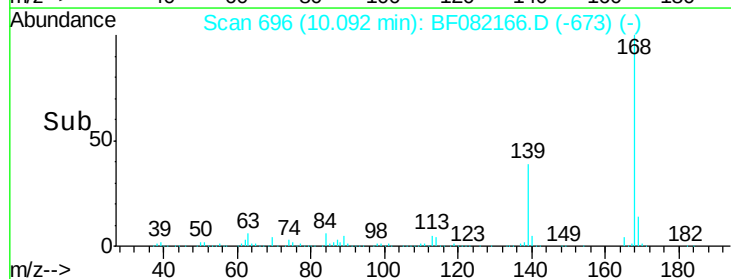
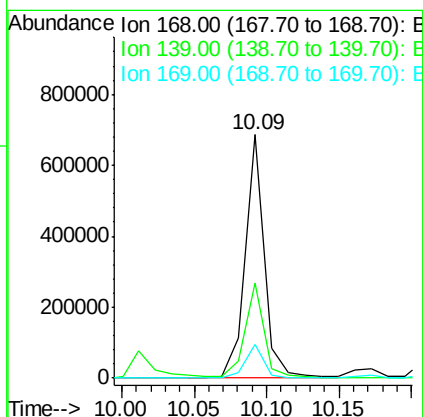
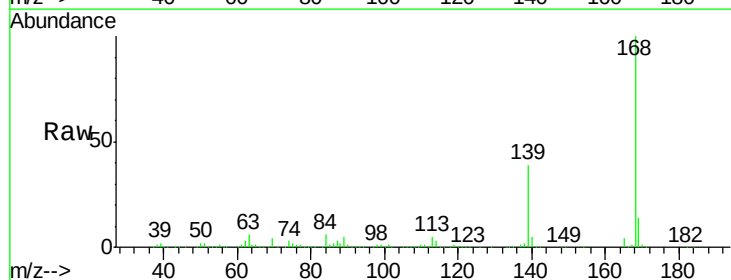
Instrument :
 BNA_F
 ClientSampled :

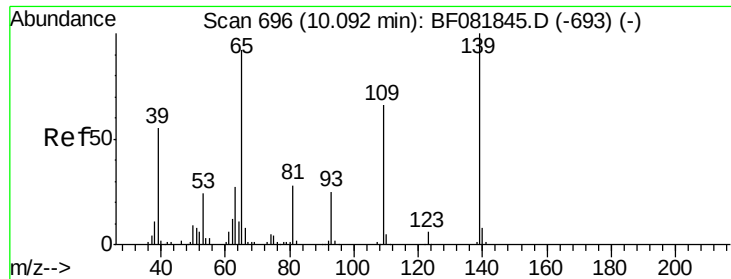
Tot Ion:184 Resp: 64817
 Ion Ratio Lower Upper
 184 100
 63 61.1 35.4 53.2#
 154 66.0 32.2 48.4#



#54
 Dibenzofuran
 Concen: 36.20 ng
 RT: 10.09 min Scan# 696
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

Tgt Ion:168 Resp: 629501
 Ion Ratio Lower Upper
 168 100
 139 39.2 24.2 36.2#
 169 13.6 10.6 15.8

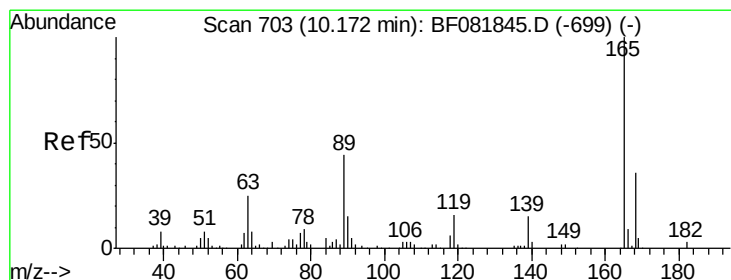
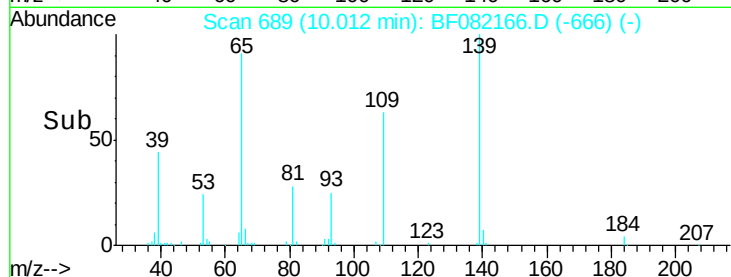
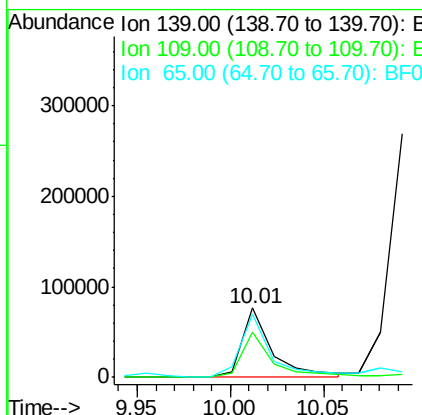
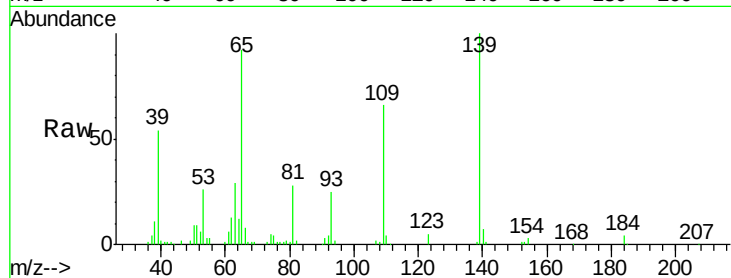




#55
4-Nitrophenol
Concen: 32.60 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF082166.D
Acq: 10 Oct 2015 9:56

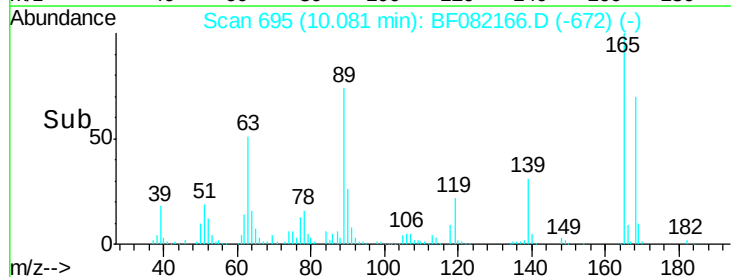
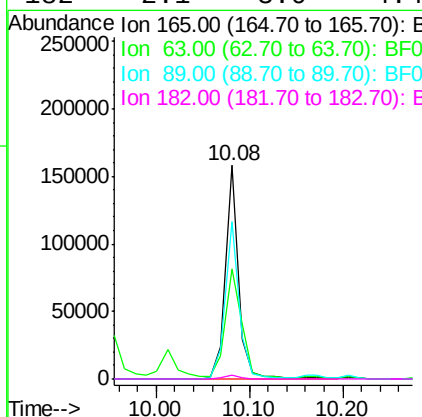
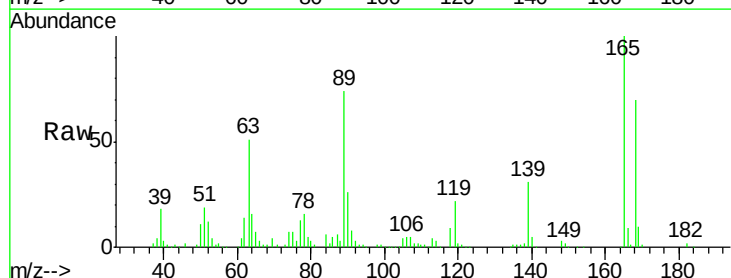
Instrument :
BNA_F
ClientSampleId :

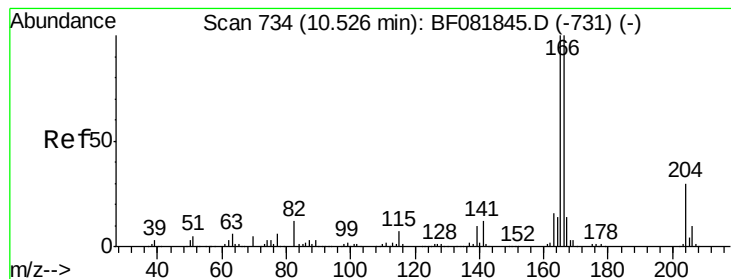
Tot Ion:139 Resp: 87265
Ion Ratio Lower Upper
139 100
109 65.9 12.7 52.7#
65 91.7 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 38.09 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF082166.D
Acq: 10 Oct 2015 9:56

Tgt Ion:165 Resp: 155481
Ion Ratio Lower Upper
165 100
63 51.4 29.8 44.6#
89 73.5 44.5 66.7#
182 2.1 3.0 4.4#





#57

Fluorene

Concen: 41.71 ng

RT: 10.43 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampleId :

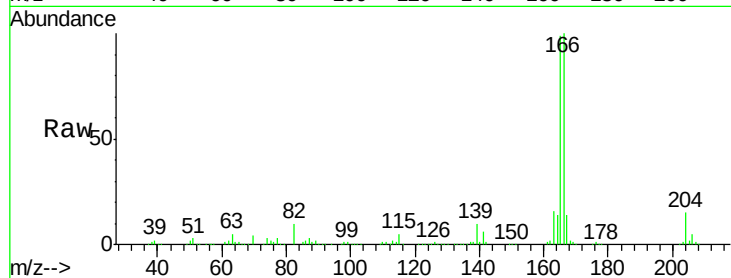
Tot Ion:166 Resp: 520588

Ion Ratio Lower Upper

166 100

165 98.9 72.6 109.0

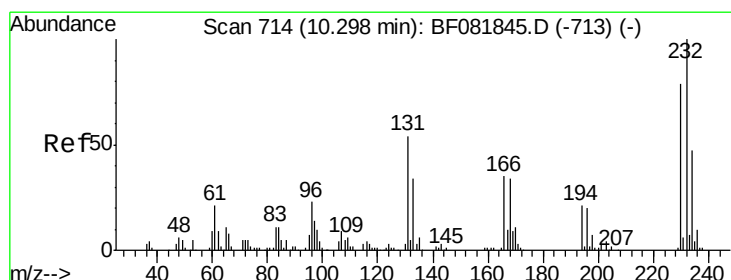
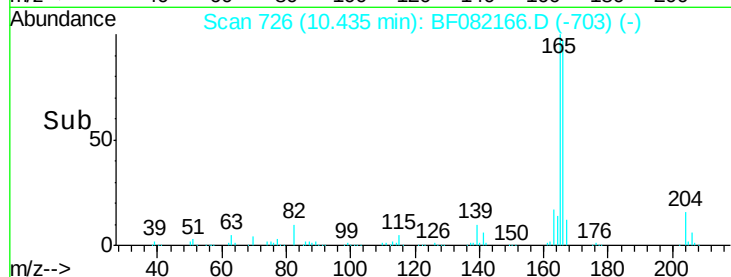
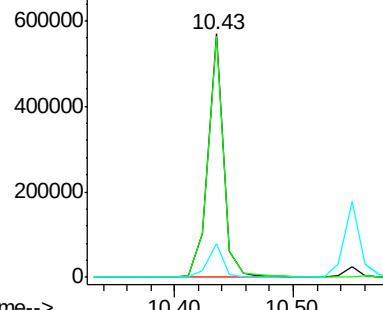
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.67 ng

RT: 10.21 min Scan# 706

Delta R.T. -0.05 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Tgt Ion:232 Resp: 141889

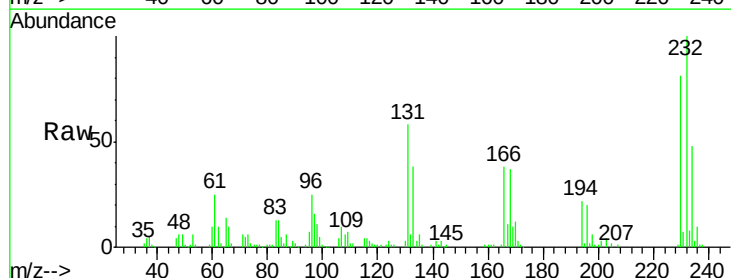
Ion Ratio Lower Upper

232 100

131 43.6 38.5 57.7

130 1.9 1.8 2.6

166 30.2 25.0 37.6

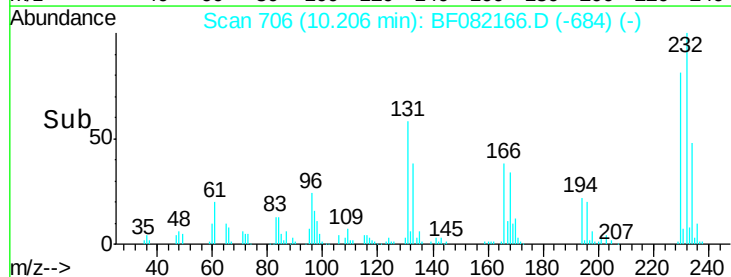
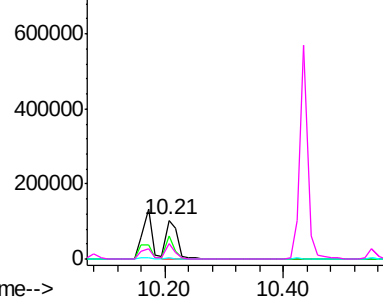


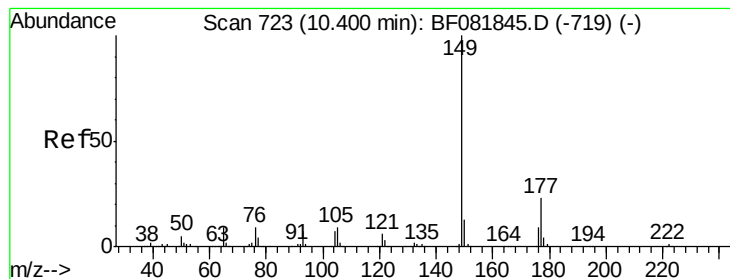
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.54 ng

RT: 10.31 min Scan# 715

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampleId :

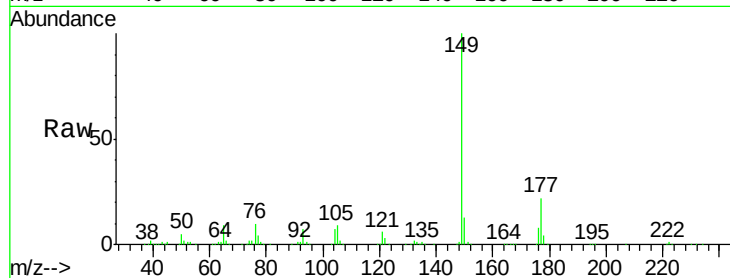
Tot Ion:149 Resp: 544769

Ion Ratio Lower Upper

149 100

177 21.8 17.5 26.3

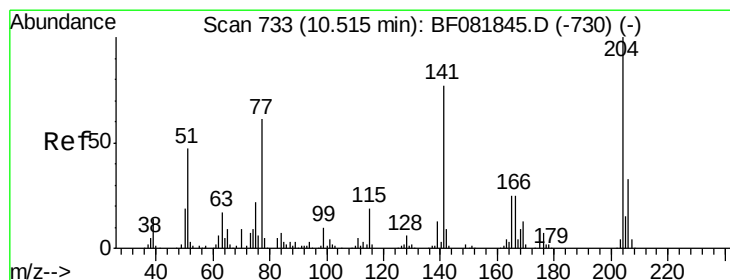
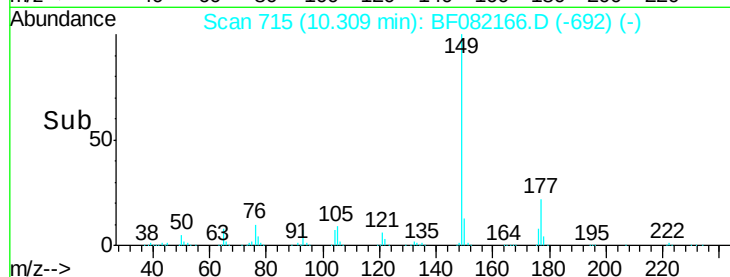
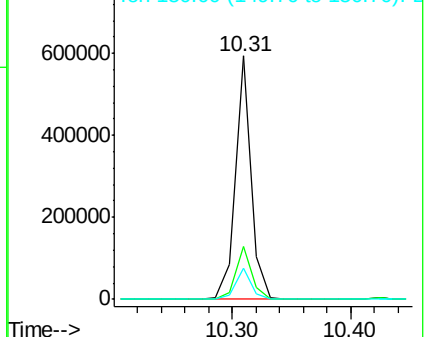
150 12.7 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.62 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.05 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

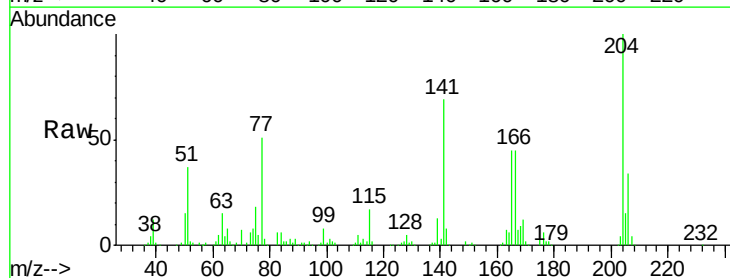
Tgt Ion:204 Resp: 233093

Ion Ratio Lower Upper

204 100

206 34.0 24.8 37.2

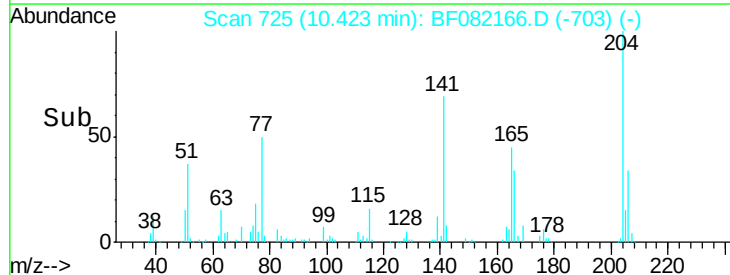
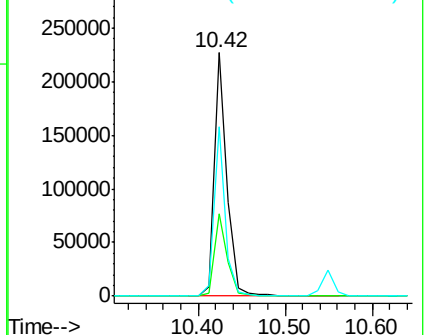
141 69.4 42.2 63.4#

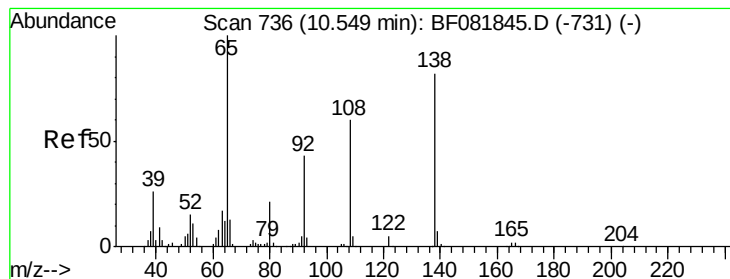


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.99 ng

RT: 10.47 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampleId :

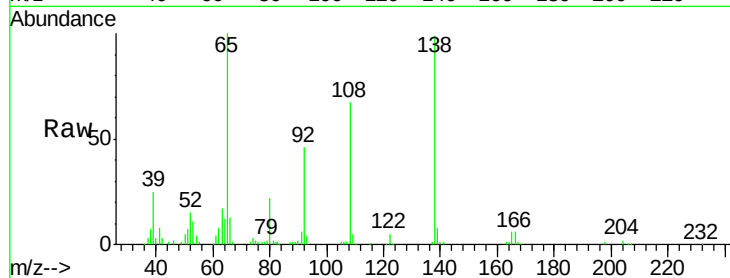
Tot Ion:138 Resp: 144832

Ion Ratio Lower Upper

138 100

92 46.5 12.6 52.6

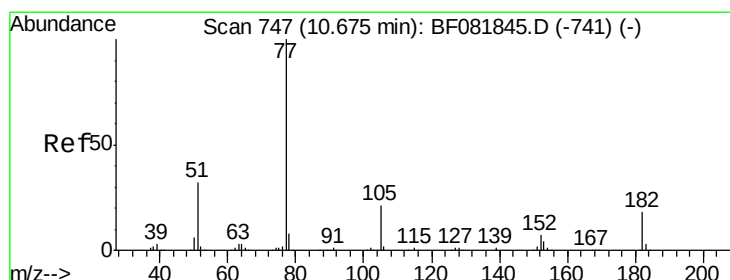
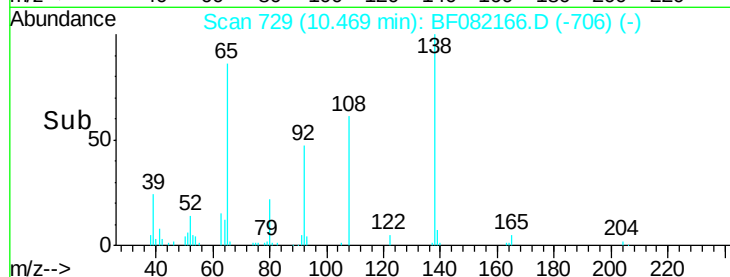
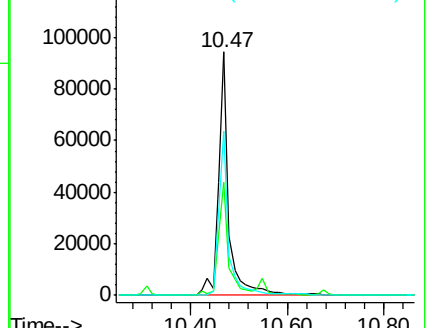
108 67.4 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.39 ng

RT: 10.58 min Scan# 739

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Tgt Ion: 77 Resp: 502748

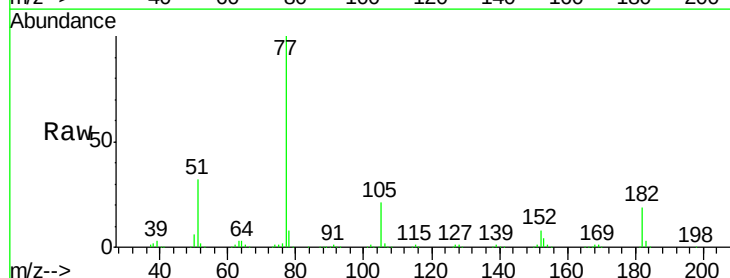
Ion Ratio Lower Upper

77 100

182 19.3 15.1 55.1

105 21.5 3.4 43.4

51 32.0 12.0 52.0

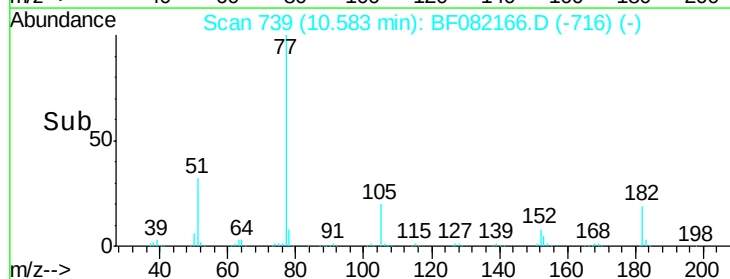
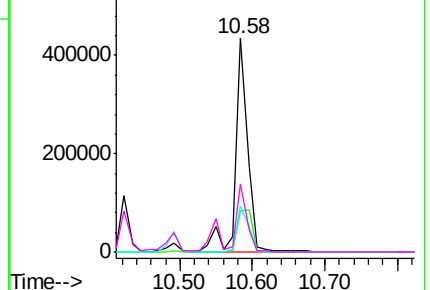


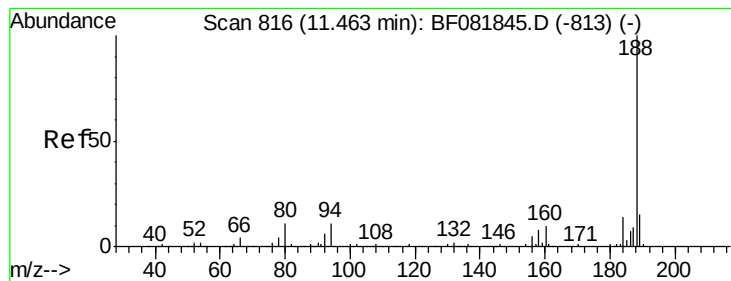
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 808

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampleId :

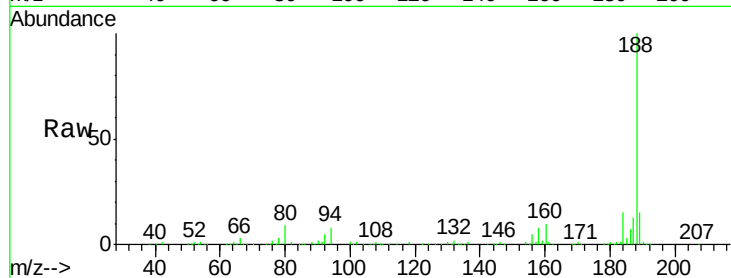
Tot Ion:188 Resp: 400633

Ion Ratio Lower Upper

188 100

94 8.2 11.1 16.7#

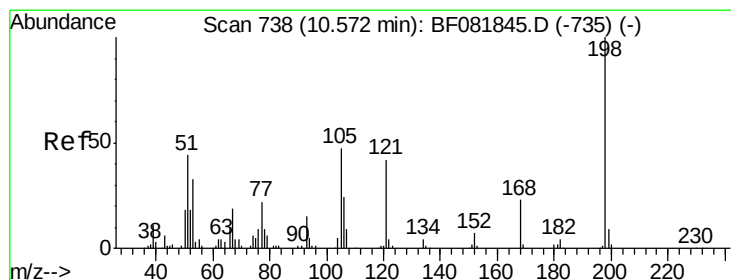
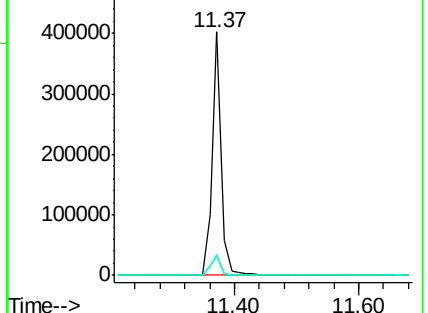
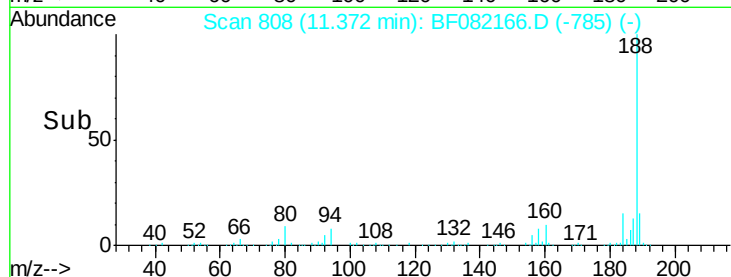
80 8.7 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 52.75 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

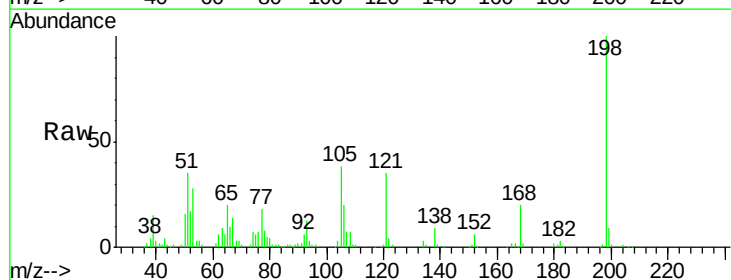
Tgt Ion:198 Resp: 98151

Ion Ratio Lower Upper

198 100

51 35.3 39.6 79.6#

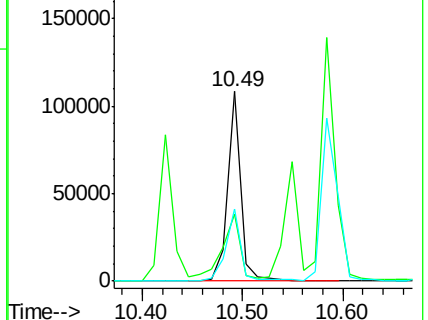
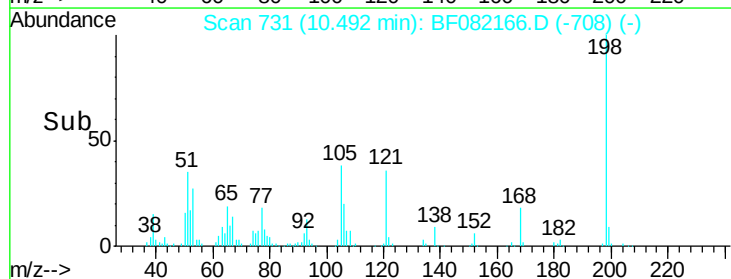
105 37.8 28.5 68.5

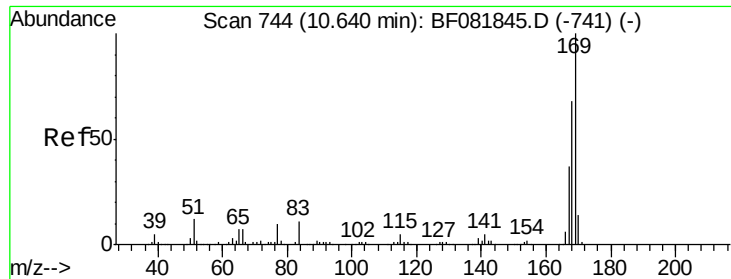


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.79 ng

RT: 10.55 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampleId :

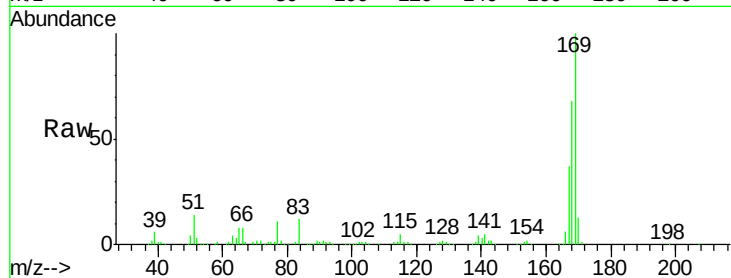
Tot Ion:169 Resp: 458105

Ion Ratio Lower Upper

169 100

168 68.4 48.9 73.3

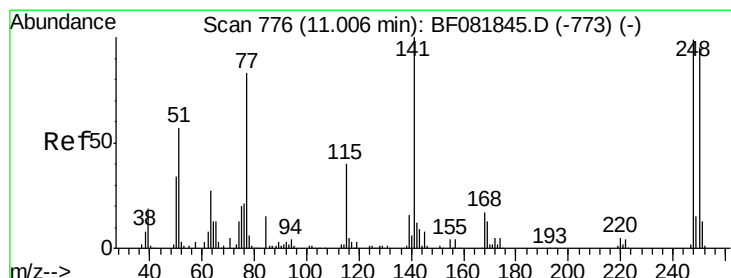
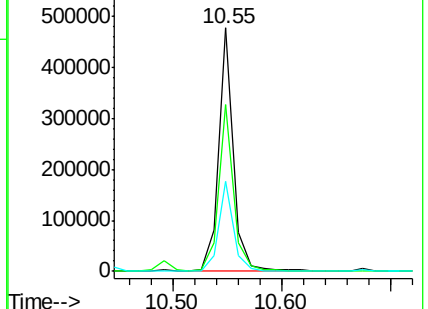
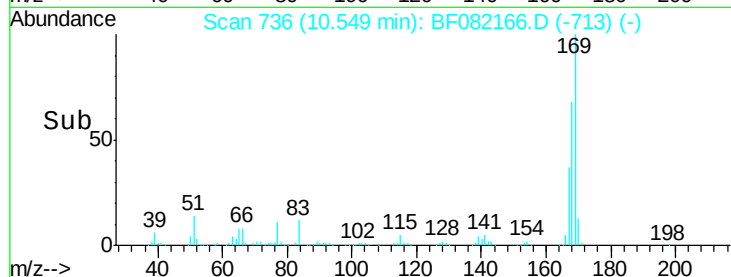
167 37.2 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.87 ng

RT: 10.91 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

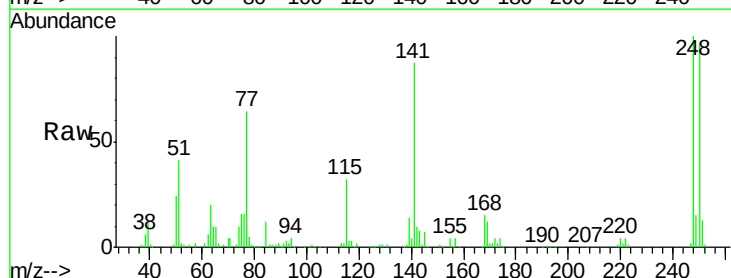
Tgt Ion:248 Resp: 148951

Ion Ratio Lower Upper

248 100

250 97.1 78.5 117.7

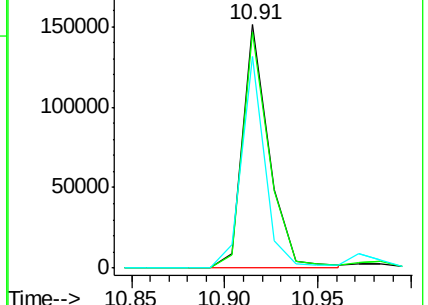
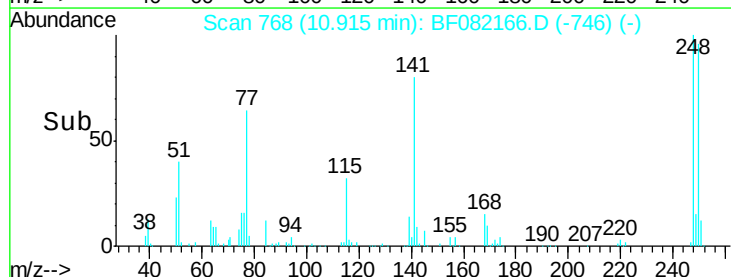
141 87.1 59.0 88.6

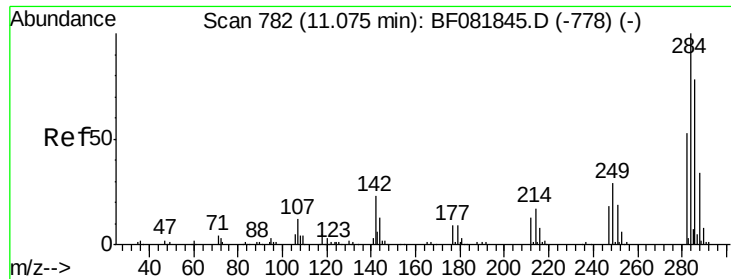


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

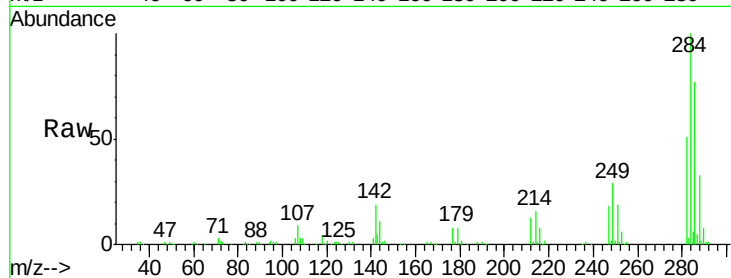




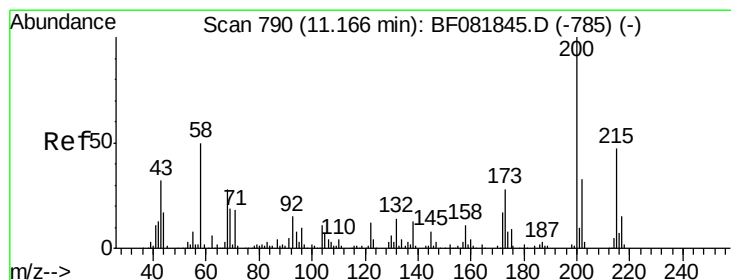
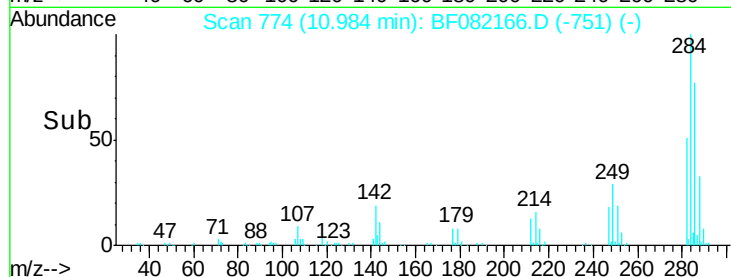
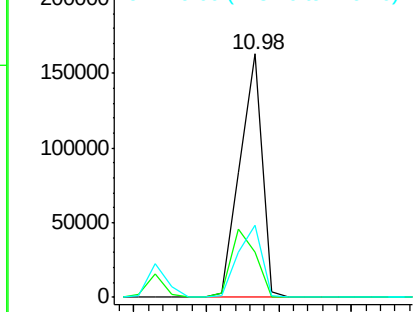
#67
Hexachlorobenzene
Concen: 38.17 ng
RT: 10.98 min Scan# 774
Delta R.T. -0.03 min
Lab File: BF082166.D
Acq: 10 Oct 2015 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	18.7	29.5	44.3#
249	29.4	19.5	29.3#

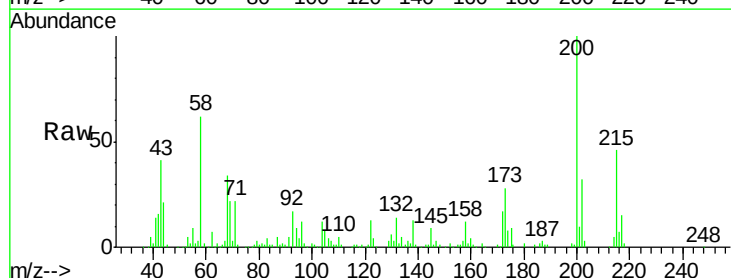


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

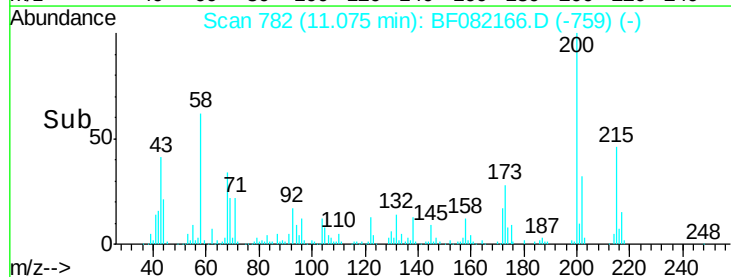
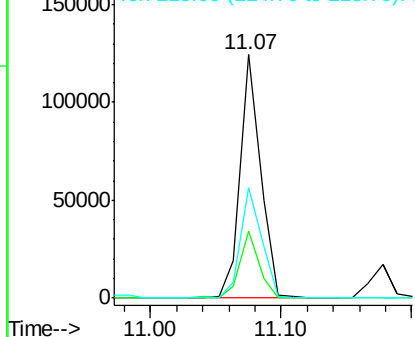


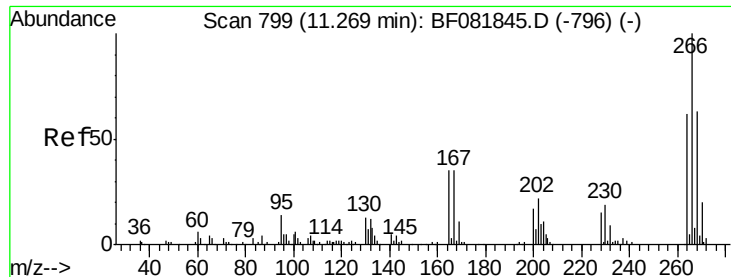
#68
Atrazine
Concen: 35.92 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.03 min
Lab File: BF082166.D
Acq: 10 Oct 2015 9:56

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.5	13.2	53.2
215	45.5	41.8	81.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

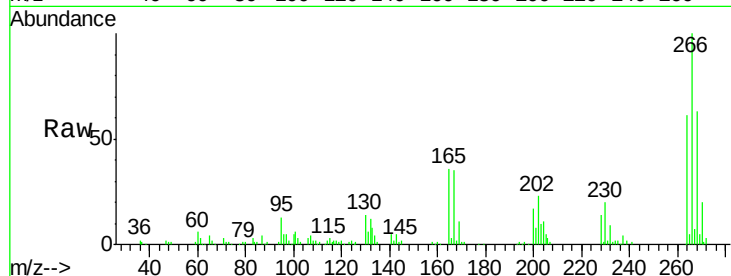




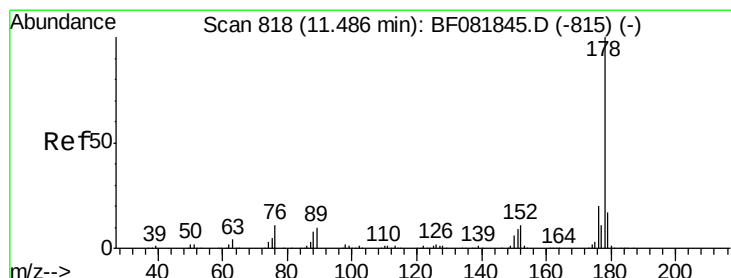
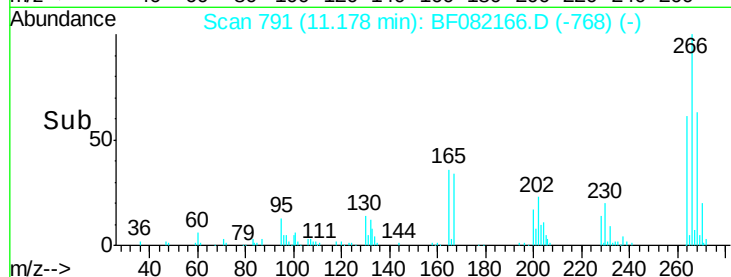
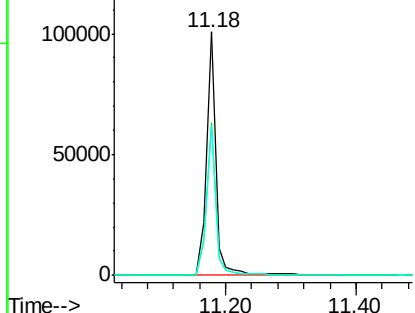
#69
 Pentachlorophenol
 Concen: 38.77 ng
 RT: 11.18 min Scan# 791
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 100716
 Ion Ratio Lower Upper
 266 100
 268 62.6 49.8 74.6
 264 61.3 50.2 75.2

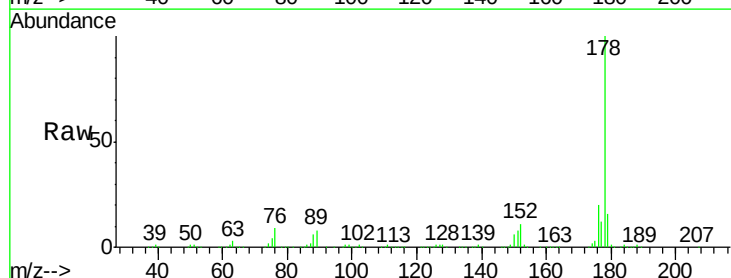


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

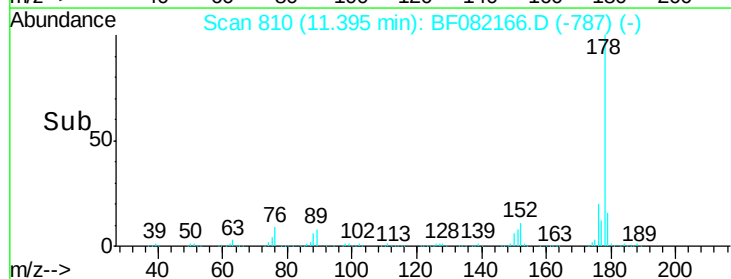
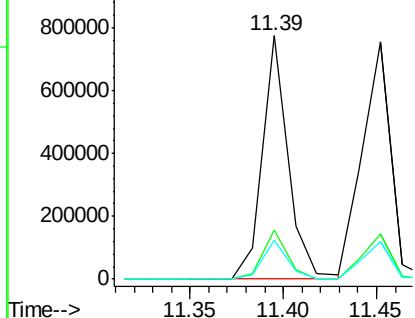


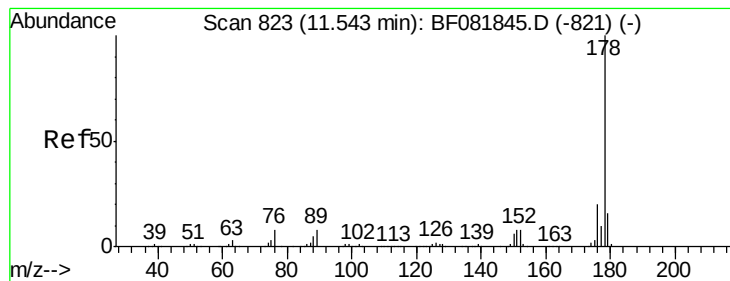
#70
 Phenanthrene
 Concen: 37.92 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

Tgt Ion:178 Resp: 736138
 Ion Ratio Lower Upper
 178 100
 176 19.9 13.8 20.8
 179 16.0 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.63 ng

RT: 11.45 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampled :

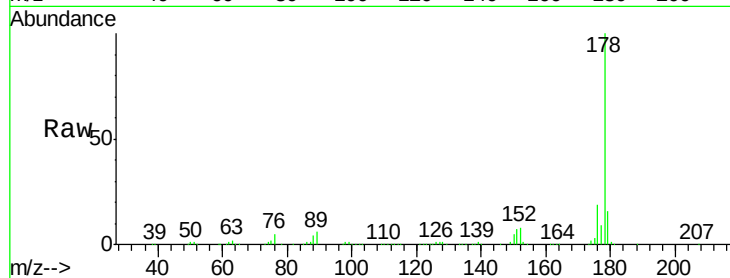
Tot Ion:178 Resp: 827270

Ion Ratio Lower Upper

178 100

176 19.1 14.1 21.1

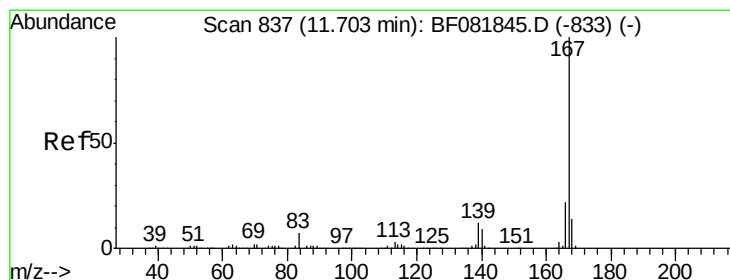
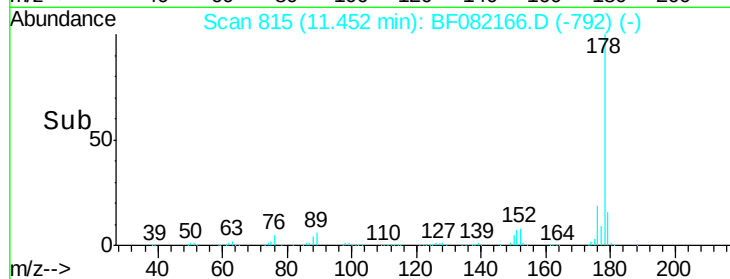
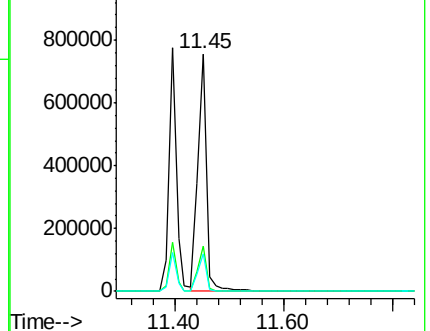
179 15.8 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.90 ng

RT: 11.61 min Scan# 829

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

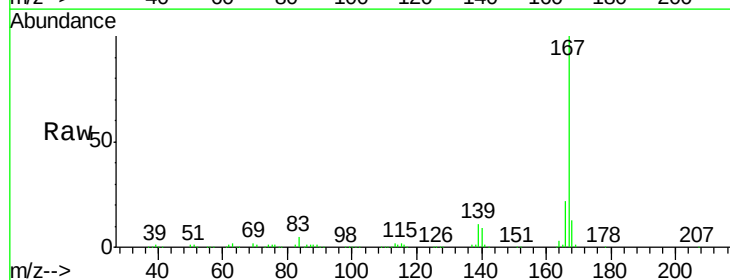
Tgt Ion:167 Resp: 698495

Ion Ratio Lower Upper

167 100

166 21.8 15.7 23.5

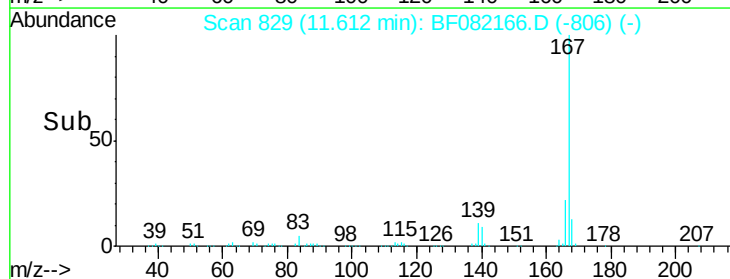
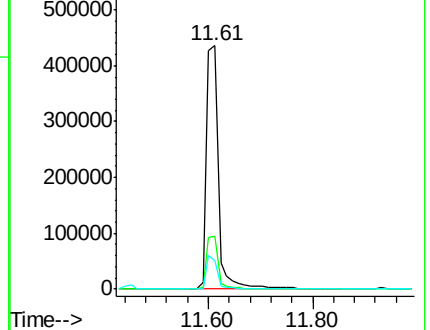
139 11.5 9.5 14.3

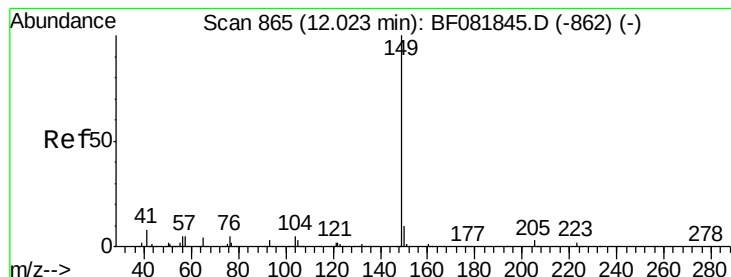


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.73 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampleId :

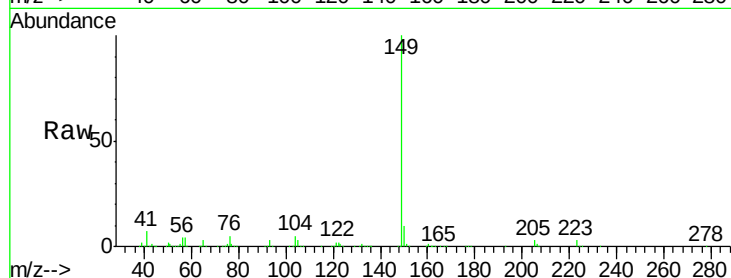
Tot Ion:149 Resp: 857989

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

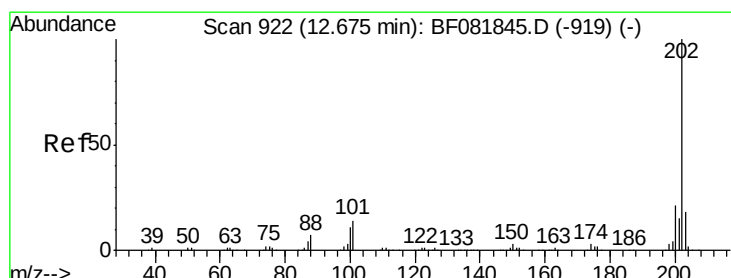
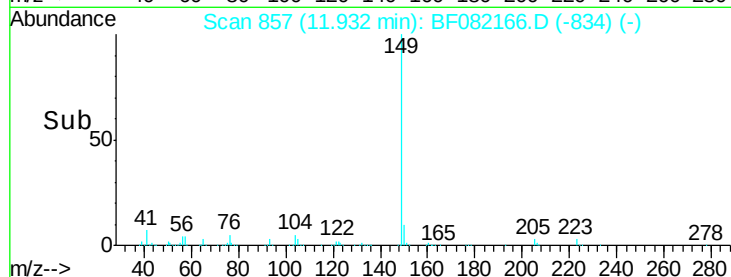
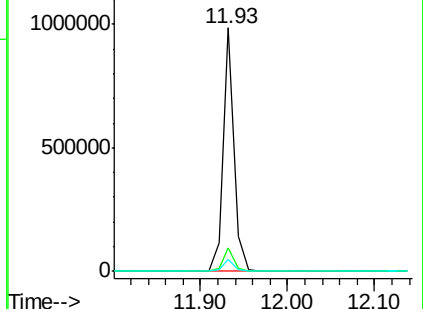
104 4.8 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.91 ng

RT: 12.58 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

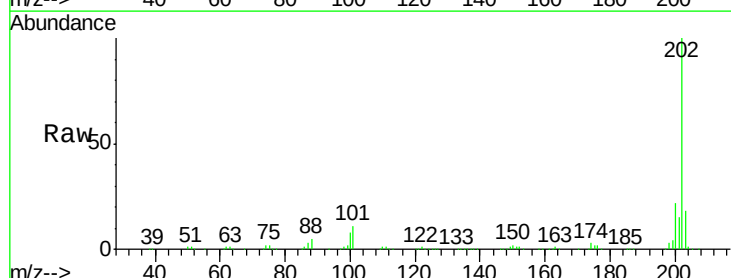
Tgt Ion:202 Resp: 792166

Ion Ratio Lower Upper

202 100

101 10.6 0.0 38.3

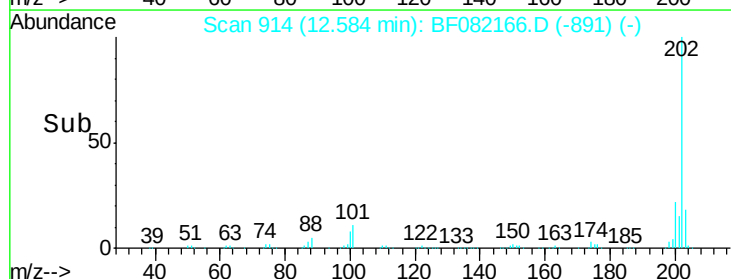
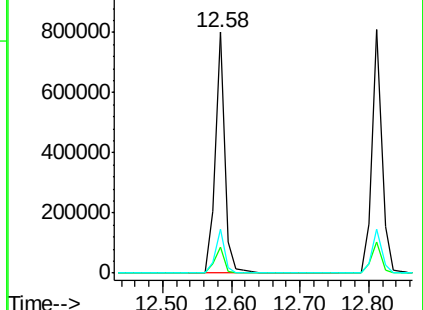
203 18.2 0.0 37.3

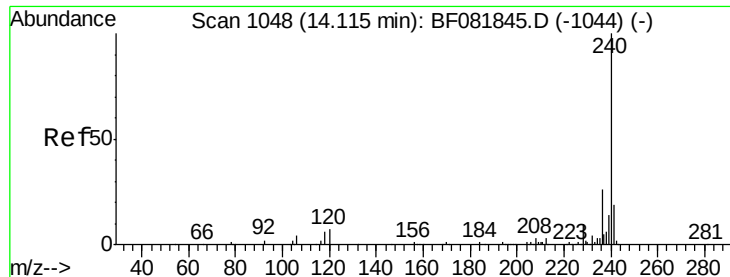


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1039

Delta R.T. -0.05 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampleId :

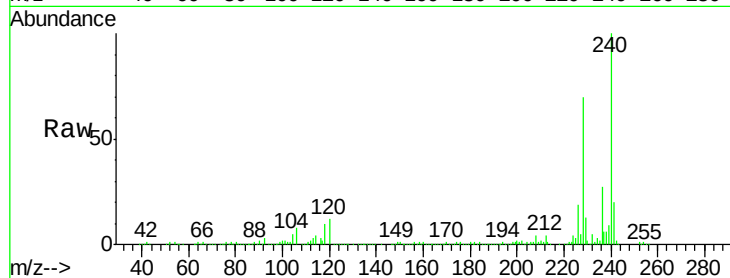
Tot Ion:240 Resp: 352640

Ion Ratio Lower Upper

240 100

120 11.7 16.2 24.2#

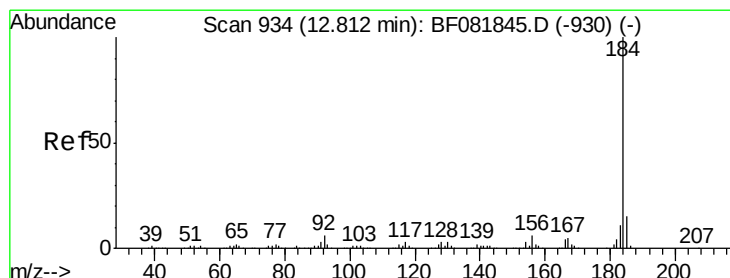
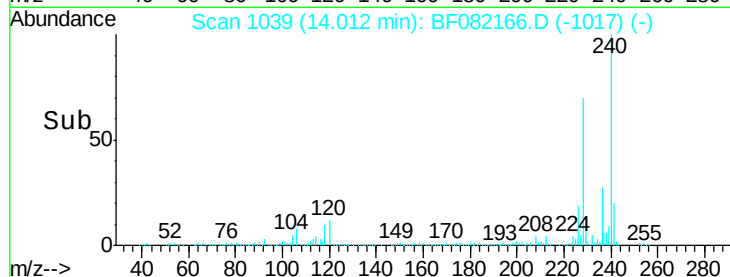
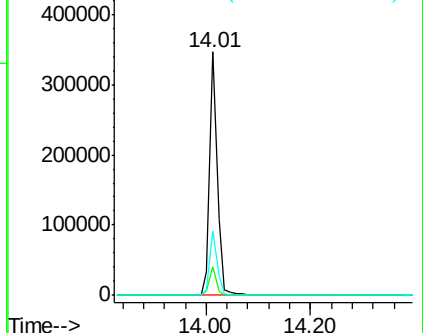
236 26.7 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.67 ng

RT: 12.71 min Scan# 925

Delta R.T. -0.05 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

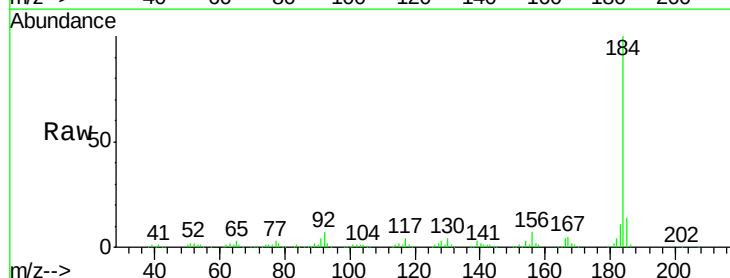
Tgt Ion:184 Resp: 410867

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

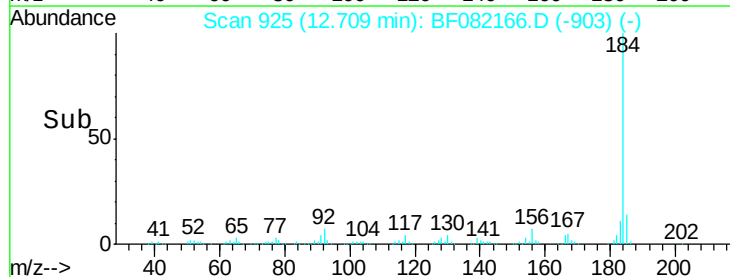
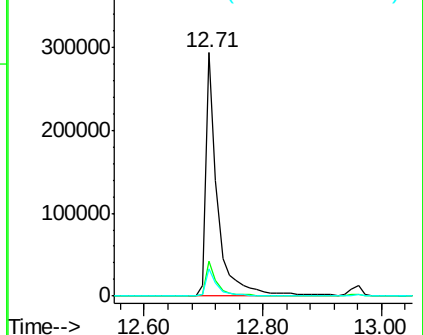
183 11.3 7.6 11.4

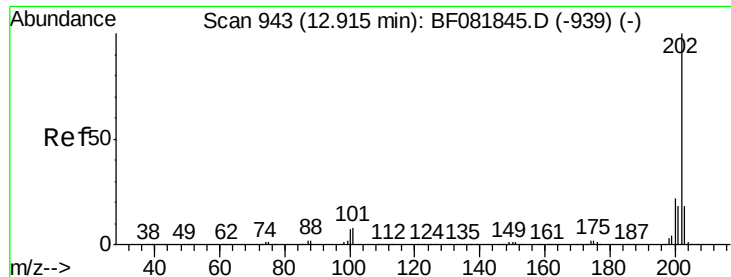


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

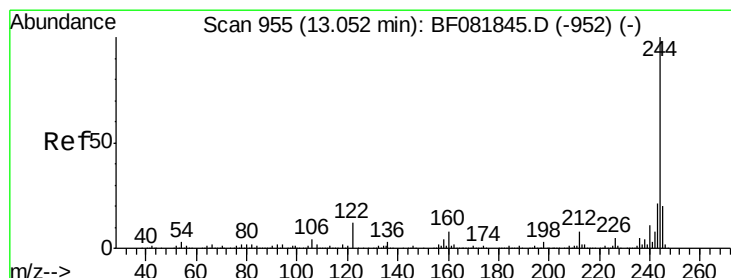
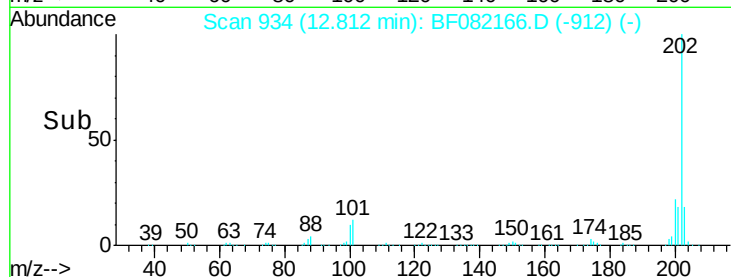
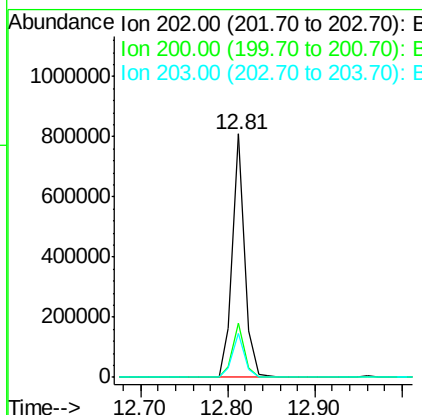
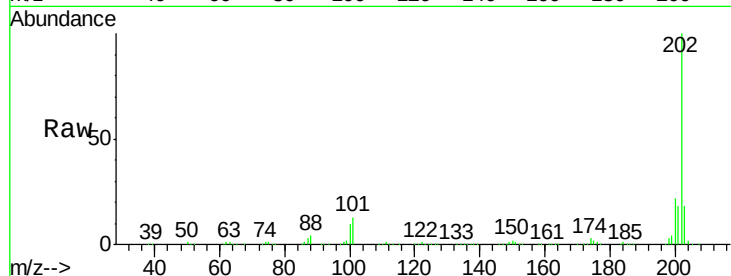




#77
 Pvrene
 Concen: 37.35 ng
 RT: 12.81 min Scan# 934
 Delta R.T. -0.05 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

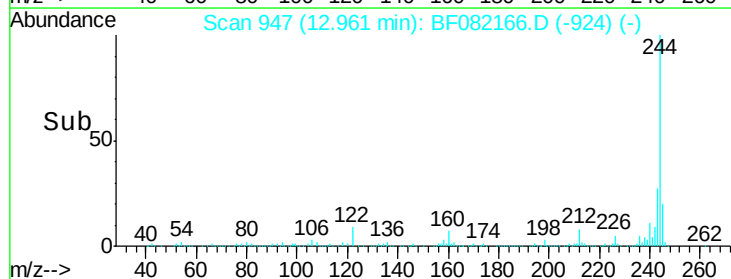
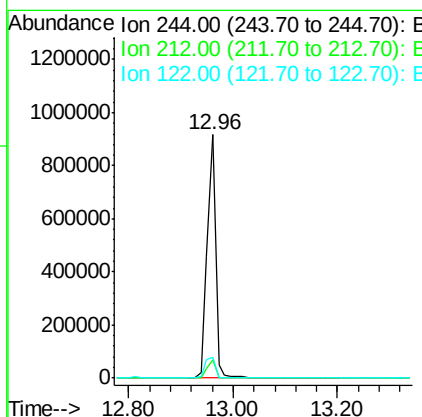
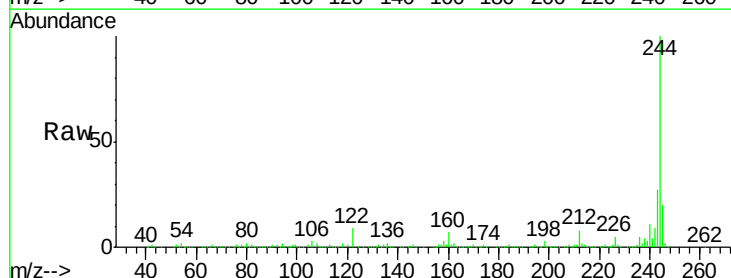
Instrument :
 BNA_F
 ClientSampleId :

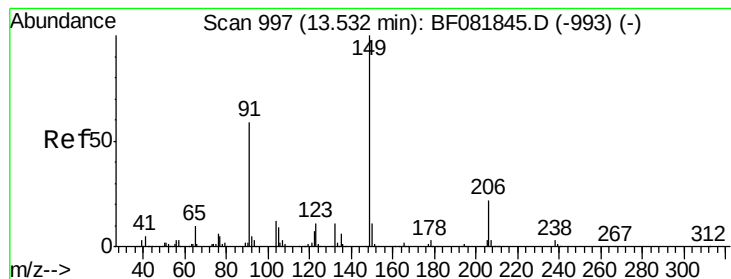
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	15.0	22.4
203	17.9	14.1	21.1



#78
 Terphenyl-d14
 Concen: 98.54 ng
 RT: 12.96 min Scan# 947
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	8.8	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 46.53 ng

RT: 13.43 min Scan# 988

Delta R.T. -0.05 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampleId :

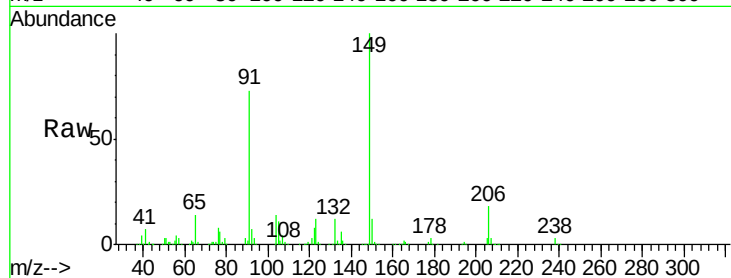
Tot Ion:149 Resp: 368890

Ion Ratio Lower Upper

149 100

91 73.4 48.6 72.8#

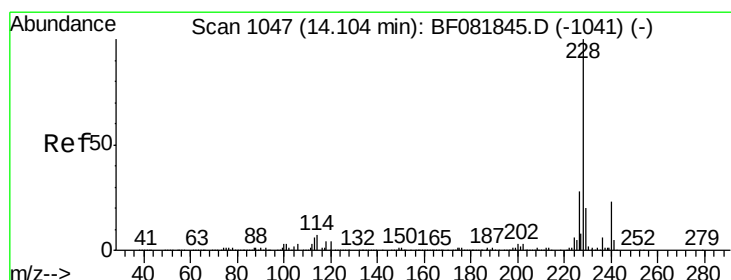
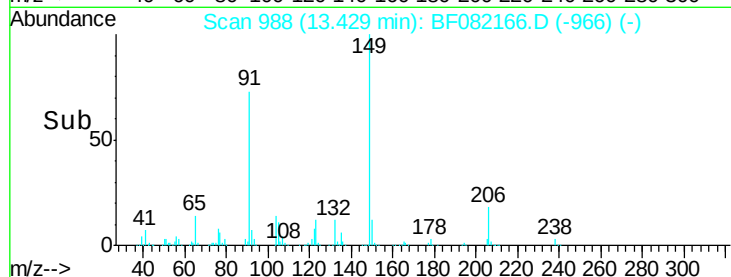
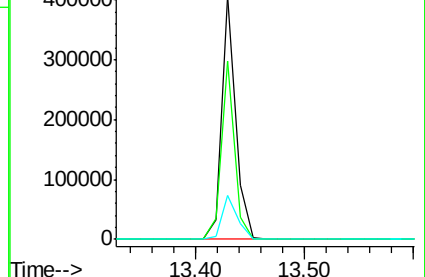
206 18.0 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.93 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

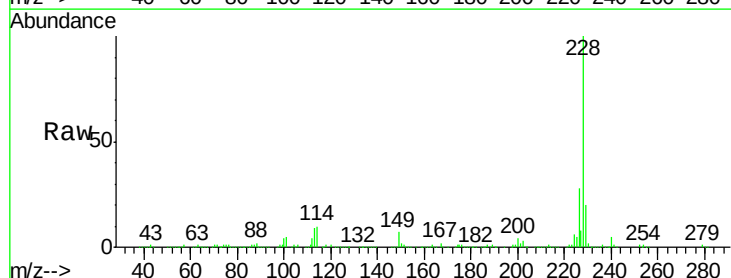
Tgt Ion:228 Resp: 720327

Ion Ratio Lower Upper

228 100

226 27.8 20.0 30.0

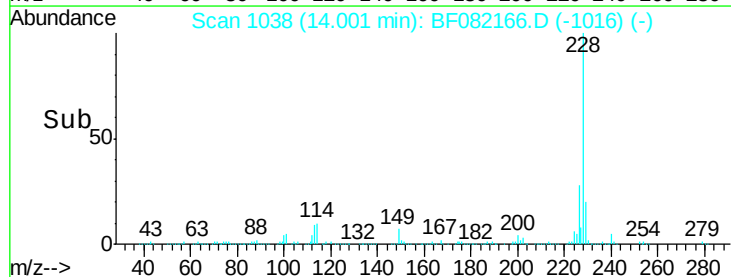
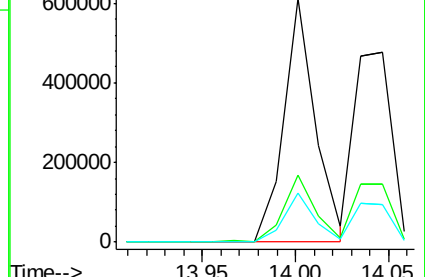
229 20.2 15.4 23.2

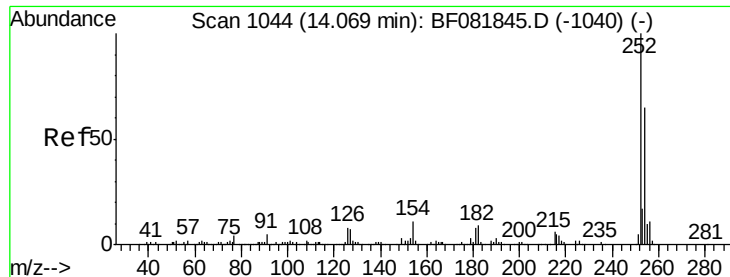


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

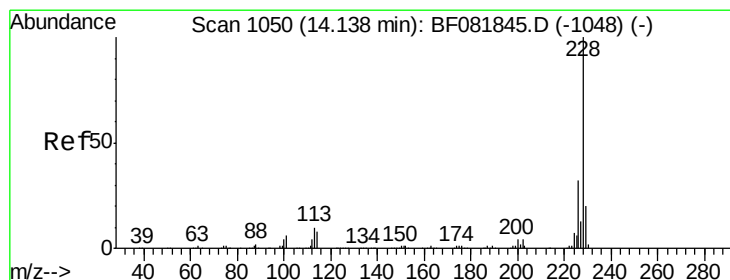
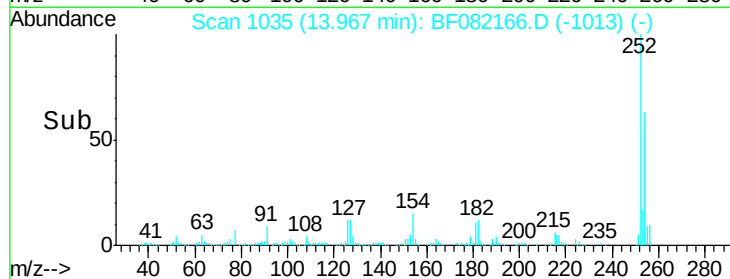
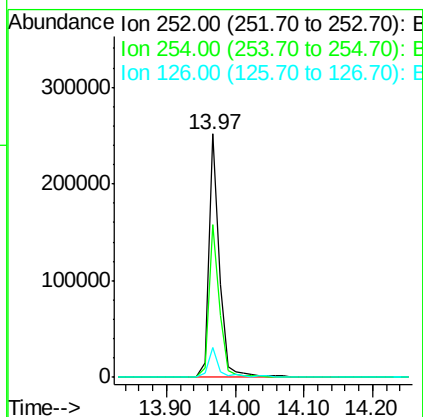
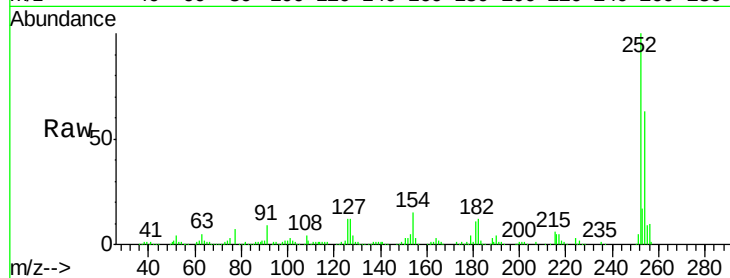




#81
 3,3'-Dichlorobenzidine
 Concen: 42.47 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

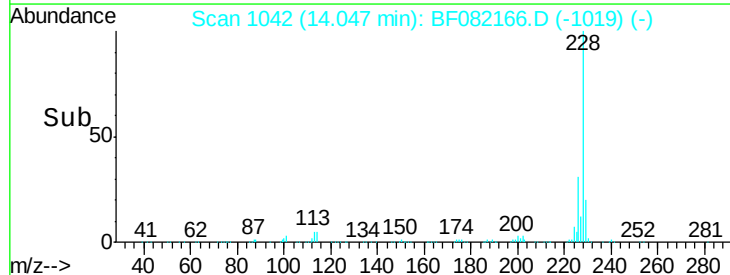
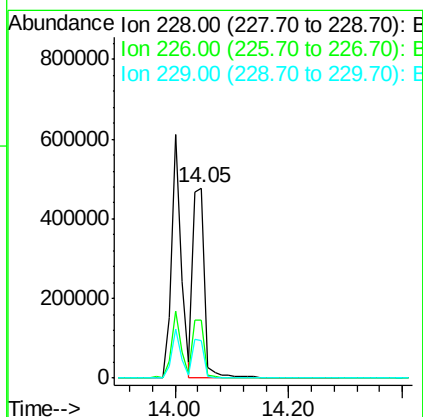
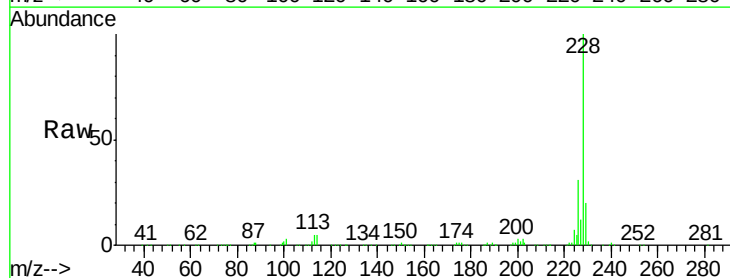
Instrument :
 BNA_F
 ClientSampleId :

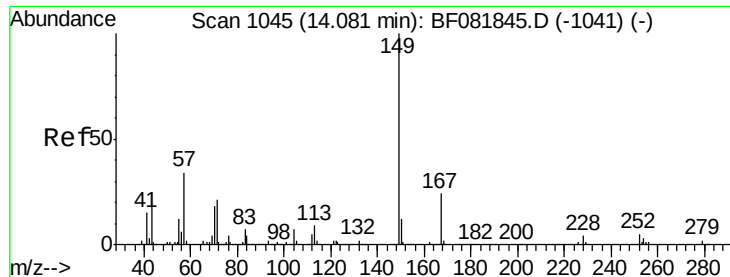
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.4	77.2
126	12.2	16.4	24.6



#82
 Chrysene
 Concen: 40.26 ng
 RT: 14.05 min Scan# 1042
 Delta R.T. -0.03 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.0	31.4
229	19.8	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.59 ng

RT: 13.99 min Scan# 1037

Delta R.T. -0.03 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampleId :

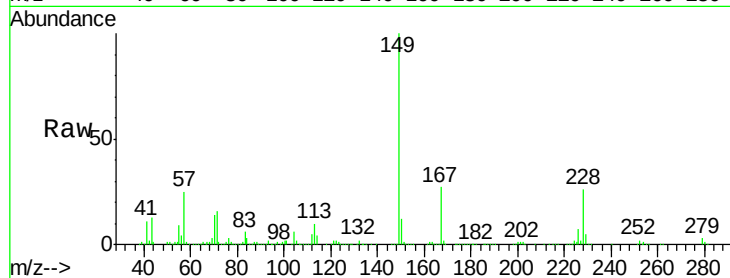
Tot Ion:149 Resp: 542836

Ion Ratio Lower Upper

149 100

167 26.5 24.2 36.2

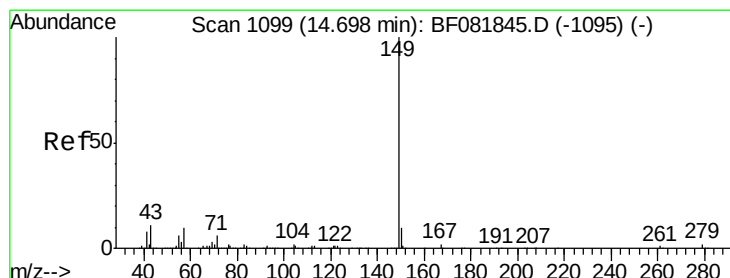
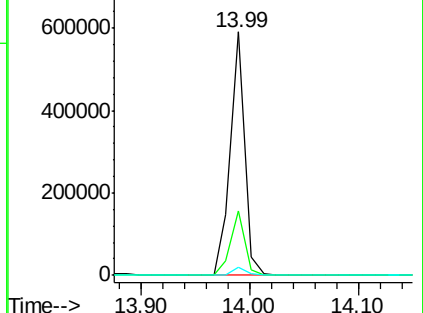
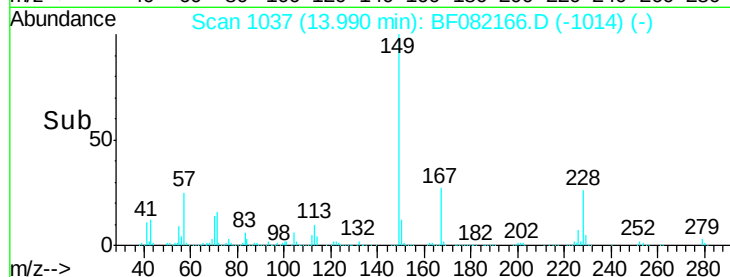
279 3.3 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 55.82 ng

RT: 14.60 min Scan# 1090

Delta R.T. -0.05 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

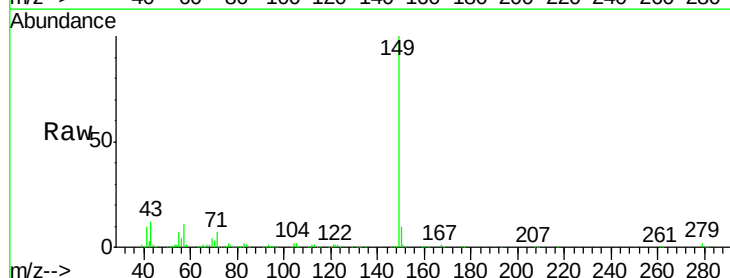
Tgt Ion:149 Resp: 903286

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

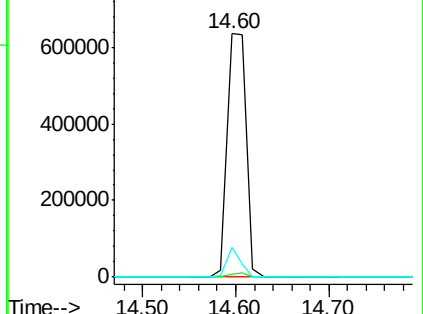
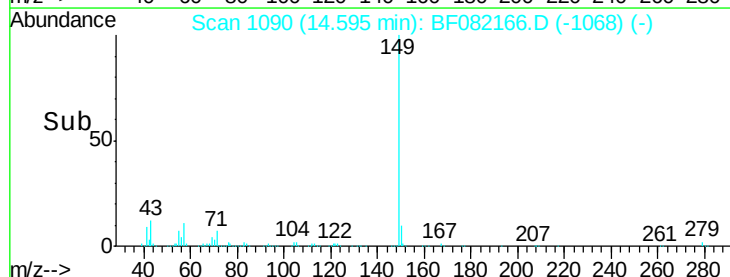
43 9.0 10.2 15.2#

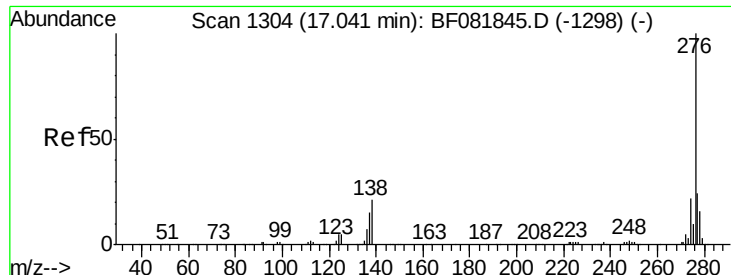


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

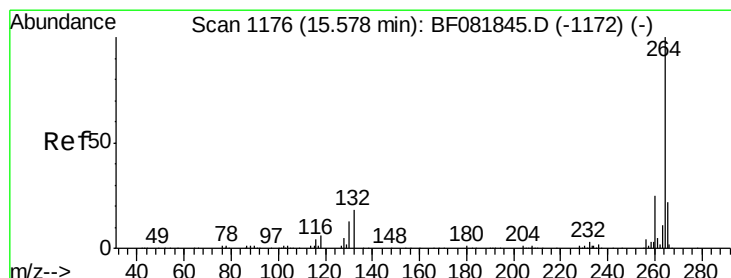
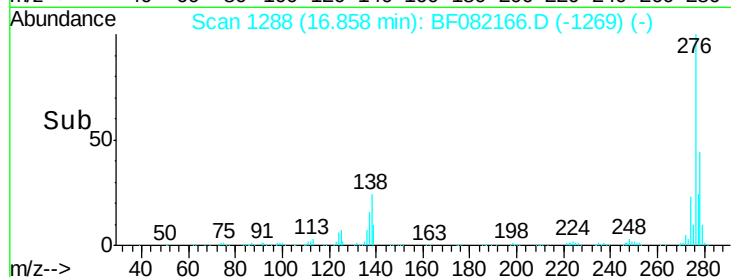
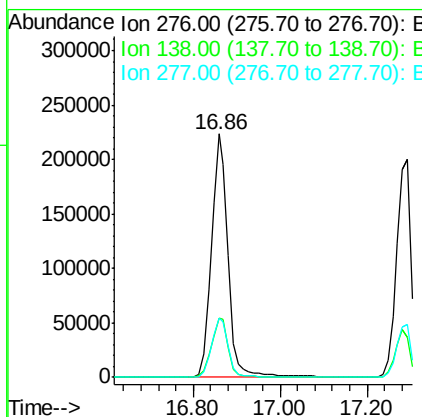
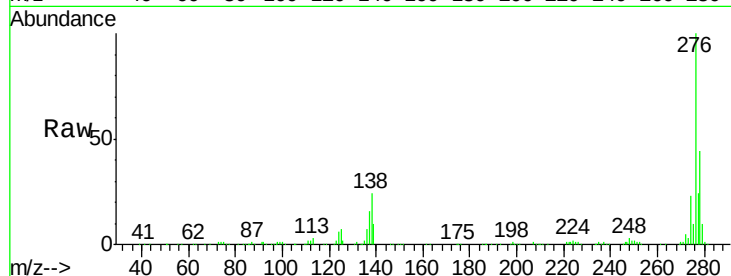




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.75 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. -0.08 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

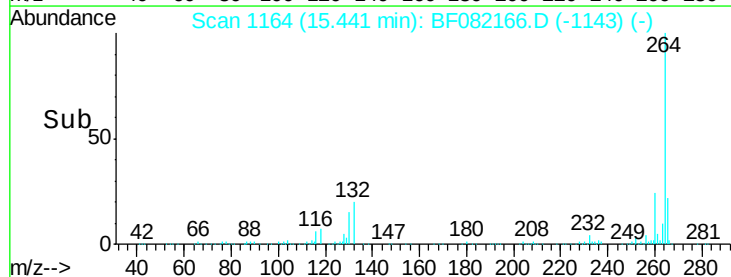
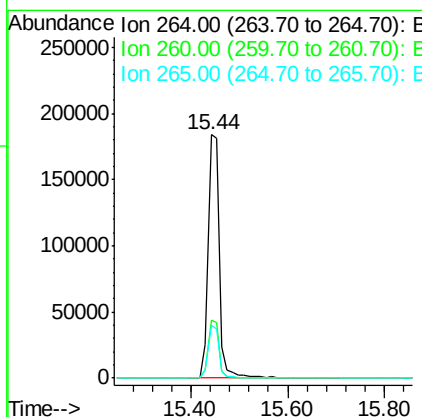
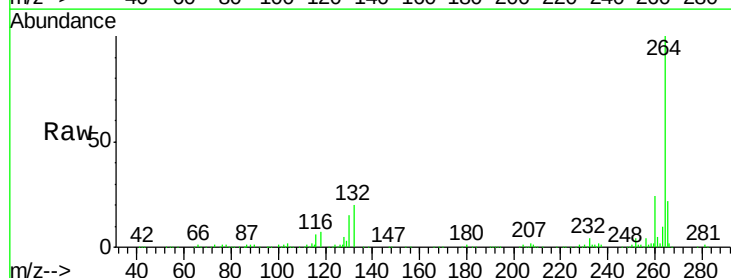
Instrument :
 BNA_F
 ClientSampled :

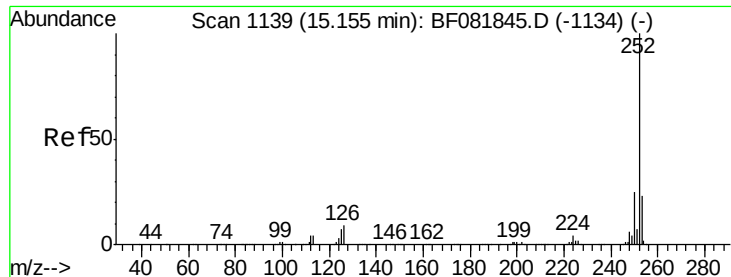
Tot Ion:276 Resp: 605370
 Ion Ratio Lower Upper
 276 100
 138 25.1 25.7 38.5#
 277 25.0 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.06 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

Tgt Ion:264 Resp: 301968
 Ion Ratio Lower Upper
 264 100
 260 23.7 16.7 25.1
 265 21.6 17.2 25.8

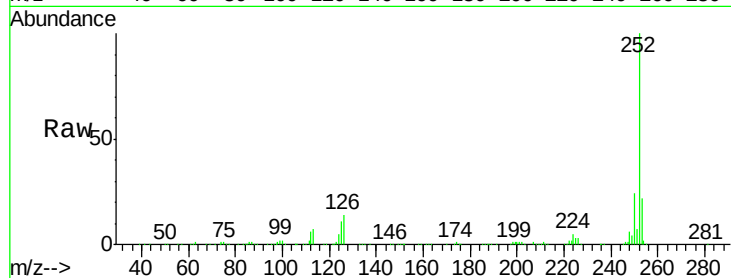




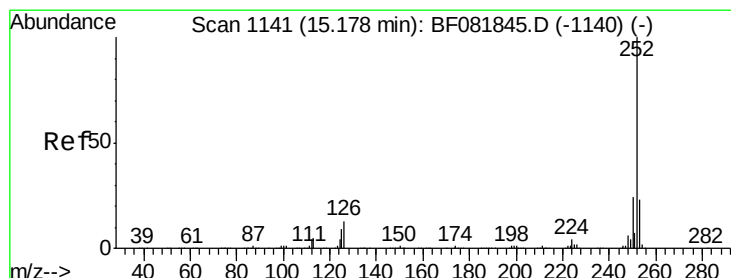
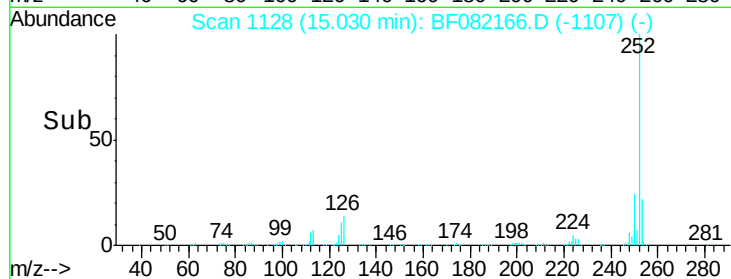
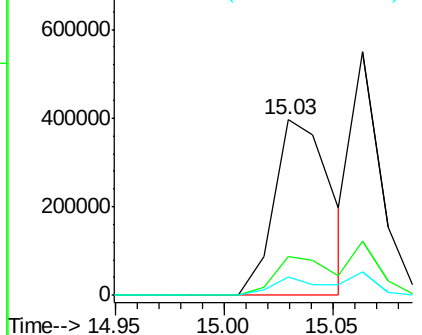
#87
Benzo(b)fluoranthene
Concen: 41.59 ng
RT: 15.03 min Scan# 1128
Delta R.T. -0.06 min
Lab File: BF082166.D
Acq: 10 Oct 2015 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 717096
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.7 17.1 25.7#

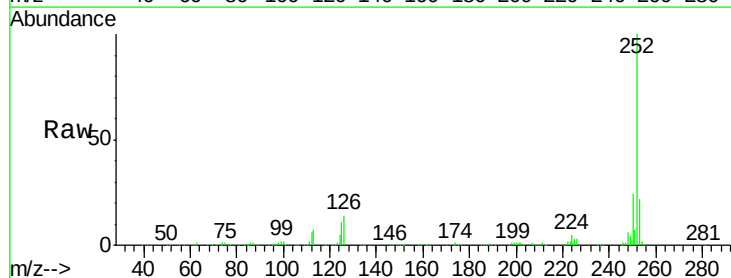


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

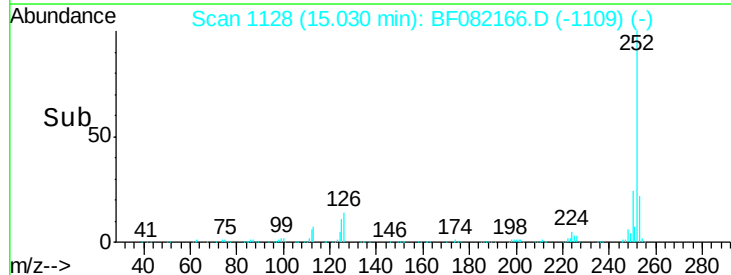
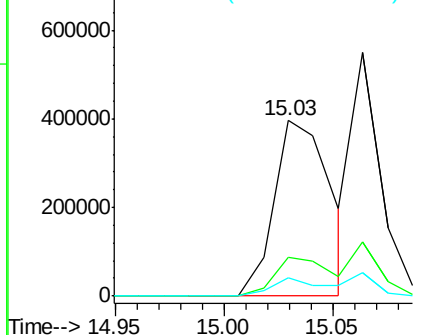


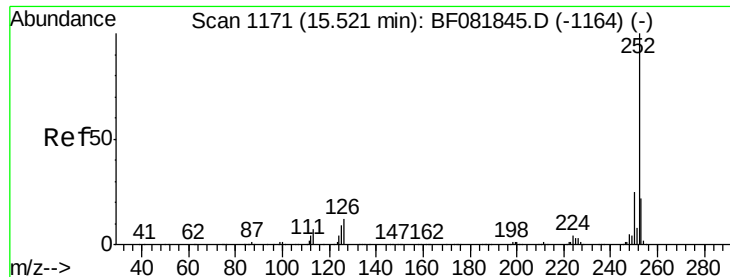
#88
Benzo(k)fluoranthene
Concen: 45.38 ng
RT: 15.03 min Scan# 1128
Delta R.T. -0.08 min
Lab File: BF082166.D
Acq: 10 Oct 2015 9:56

Tgt Ion:252 Resp: 717096
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 10.7 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.19 ng

RT: 15.38 min Scan# 1159

Delta R.T. -0.06 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

Instrument :

BNA_F

ClientSampled :

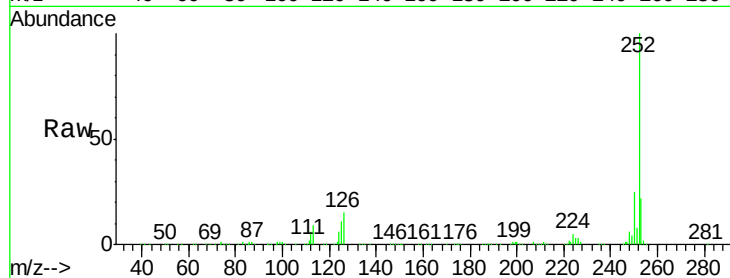
Tot Ion:252 Resp: 586126

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

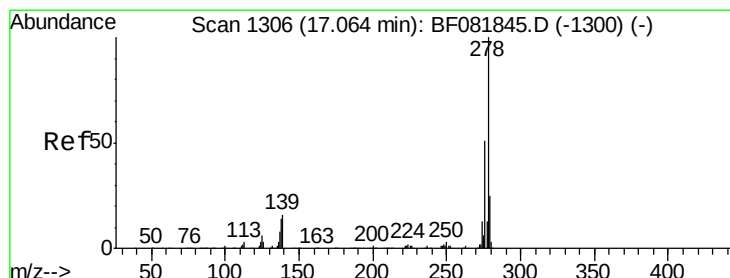
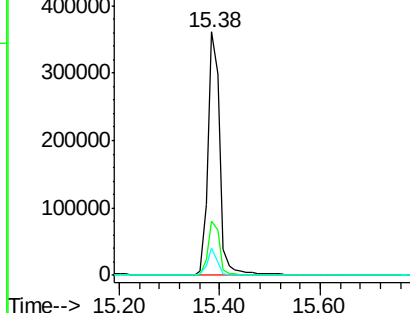
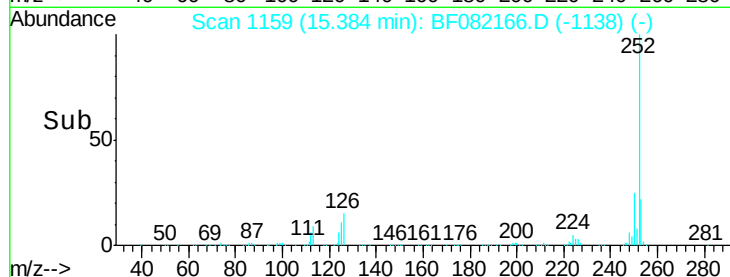
125 11.4 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.84 ng

RT: 16.88 min Scan# 1290

Delta R.T. -0.07 min

Lab File: BF082166.D

Acq: 10 Oct 2015 9:56

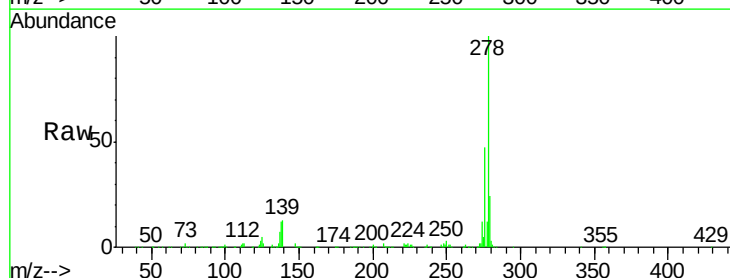
Tgt Ion:278 Resp: 499865

Ion Ratio Lower Upper

278 100

139 12.6 26.3 39.5#

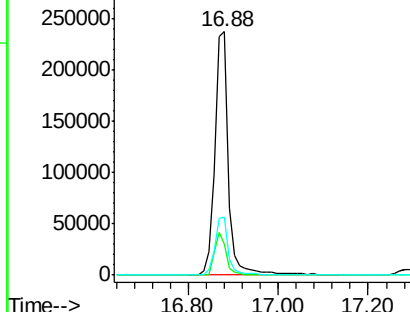
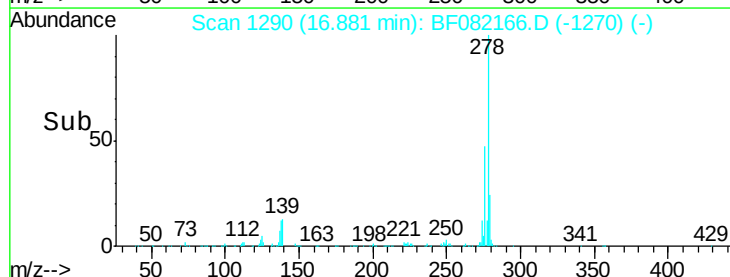
279 23.8 18.2 27.4

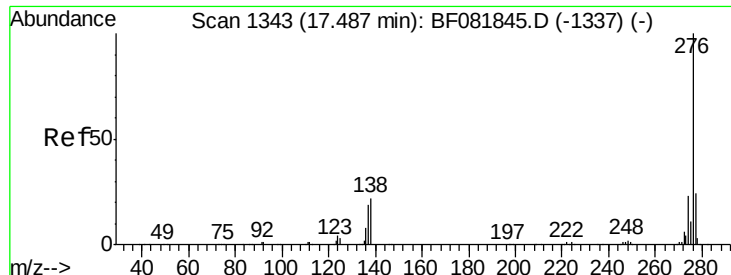


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 37.40 ng
 RT: 17.29 min Scan# 1326
 Delta R.T. -0.08 min
 Lab File: BF082166.D
 Acq: 10 Oct 2015 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 480934
 Ion Ratio Lower Upper
 276 100
 277 24.3 17.8 26.6
 138 18.5 34.6 51.8#

